# **Product Datasheet**

## Mucin 5AC Antibody NBP2-34758-0.2 mg

Unit Size: 0.2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 7/6/2014 v.20.1

### NBP2-34758-0.2 mg

Mucin 5AC Antibody (SPM297) [Azide Free]

Unit Size         0.2 mg           Concentration         Please see the vial label for concentration. If unlisted please contact technical services.           Storage         Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.           Clonality         Monoclonal           Clone         SPM297           Preservative         No Preservative           Isotype         IgG1 Kappa           Conjugate         Azide Free           Purity         Protein A purified           Buffer         10 mM PBS. Does not contain BSA           Product Description         Mouse           Gene ID         4586           Gene Symbol         MUC5AC           Species         Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)           Specificity/Sensitivity         This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).           Immunogen         M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient           Product Application Details         Applications           Recommended Dilutions         Flow Cytometry 0.5-1 ug/million cells, Immunohistochemistry-Frozen, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen (S-1ug/mill, Immunoprecipitation 0.5-1 ug/mill for ceating		. / []
Concentration         Please see the vial label for concentration. If unlisted please contact technical services.           Storage         Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.           Clonality         Monoclonal           Clone         SPM297           Preservative         No Preservative           Isotype         IgG1 Kappa           Conjugate         Azide Free           Purity         Protein A purified           Buffer         10 mM PBS. Does not contain BSA           Product Description         Mouse           Gene ID         4586           Gene Symbol         MUC5AC           Species         Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)           Species         Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)           Specificity/Sensitivity         This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).           Immunogen         M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient           Product Application Details         Mestern Blot, ELISA, Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen           Applications	Product Information	
services.         Storage       Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.         Clonality       Monoclonal         Clone       SPM297         Preservative       No Preservative         Isotype       IgG1 Kappa         Conjugate       Azide Free         Purity       Protein A purified         Buffer       10 mM PBS. Does not contain BSA         Product Description       Mouse         Gene ID       4586         Gene Symbol       MUC5AC         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Specificity/Sensitivity       This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, ILISA -1000k protein lysate, Immunohistochemistry-Frozen         Application Notes       Immunohistochemistry/Immunofluorescence 1-2ug/mi, Western Biot 0.5-1ug/mil, Immunohistochemistry-Frozen         Application Notes       Immuno	Unit Size	0.2 mg
cycles.         Clonality       Monoclonal         Clone       SPM297         Preservative       No Preservative         isotype       IgG1 Kappa         Conjugate       Azide Free         Purity       Protein A purified         Buffer       10 mM PBS. Does not contain BSA         Product Description       House         Host       Mouse         Gene ID       4586         Gene Symbol       MUC5AC         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Species       Mul mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Western Blot, ELISA, Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunonbistochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunonbistochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunohistochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunohistochemistry (Staining of formalin-fixed tissues requires	Concentration	•
Clone         SPM297           Preservative         No Preservative           Isotype         IgG1 Kappa           Conjugate         Azide Free           Purity         Protein A purified           Buffer         10 mM PBS. Does not contain BSA           Product Description         Host           Host         Mouse           Gene ID         4586           Gene Symbol         MUC5AC           Species         Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)           Specificity/Sensitivity         This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).           Immunogen         M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient           Product Application Details         Mestern Blot, ELISA, Flow Cytometry, Immunohistochemistry-Frozen, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunocytochemistry/Immunofluorescence 1-2ug/mI, Western Blot 0.5-1ug/mI, Immunoprecipitation 1-2ug/SOUg protein lysate, Immunohistochemistry-Frozen, 0.5-1ug/mI, Immunoprecipitation 1-2ug/SOUg protein lysate, Immunohistochemistry-Frozen 0.5-1ug/mI, Immunohistochemistry-Paraffin, ISA, Flow Cytometry, Cotaling at RT           Application Notes         Immunohistochemistry (Staining of formalin-fixed tissues requires boliing tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Storage	
Preservative         No Preservative           Isotype         IgG1 Kappa           Conjugate         Azide Free           Purity         Protein A purified           Buffer         10 mM PBS. Does not contain BSA           Product Description         Mouse           Gene ID         4586           Gene Symbol         MUC5AC           Species         Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)           Species         Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)           Specificity/Sensitivity         This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).           Immunogen         M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient           Product Application Details         Western Blot, ELISA, Flow Cytometry, Immunofluorescence, Immunohistochemistry-Frozen, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation           Recommended Dilutions         Flow Cytometry 0.5-1ug/million cells, Immunoprecipitation cells, Immunoprecipitation cells, Immunoprecipitation 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, Western Blot 0.5-1ug/ml for coating           Application Notes         Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Clonality	Monoclonal
IgG1 Kappa         Conjugate       Azide Free         Purity       Protein A purified         Buffer       10 mM PBS. Does not contain BSA         Product Description       Mouse         Host       Mouse         Gene ID       4586         Gene Symbol       MUC5AC         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Species       This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Western Blot, ELISA, Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/mil, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/mil for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Clone	SPM297
Conjugate       Azide Free         Purity       Protein A purified         Buffer       10 mM PBS. Does not contain BSA         Product Description       Mouse         Gene ID       4586         Gene Symbol       MUC5AC         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Specificity/Sensitivity       This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Western Blot, ELISA, Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/mil, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/mil, Immunohistochemistry-Paraffin 0.5-1ug/mil, ELISA 1-5ug/mil for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Preservative	No Preservative
Purity       Protein A purified         Buffer       10 mM PBS. Does not contain BSA         Product Description       Mouse         Host       Mouse         Gene ID       4586         Gene Symbol       MUC5AC         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Specificity/Sensitivity       This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Western Blot, ELISA, Flow Cytometry, Immunofluorescence, Immunohistochemistry-Frozen, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunocytochemistry/Paraffin Inmunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/mlino cells, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunofluorescence 1-2ug/ml, LISA 1-5ug/ml for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Isotype	IgG1 Kappa
Buffer       10 mM PBS. Does not contain BSA         Product Description       Mouse         Host       Mouse         Gene ID       4586         Gene Symbol       MUC5AC         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Specificity/Sensitivity       This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Western Blot, ELISA, Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/mil, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/mil, Immunohistochemistry-Paraffin 0.5-1ug/mil, ELISA 1-5ug/mi for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Conjugate	Azide Free
Product Description         Host       Mouse         Gene ID       4586         Gene Symbol       MUC5AC         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Specificity/Sensitivity       This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Mestern Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Mmunocytochemistry/Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Purity	Protein A purified
Host         Mouse           Gene ID         4586           Gene Symbol         MUC5AC           Species         Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)           Specificity/Sensitivity         This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).           Immunogen         M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient           Product Application Details         Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunocytochemistry/Paraffin, Immunoprecipitation           Recommended Dilutions         Flow Cytometry 0.5-1ug/million cells, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating           Application Notes         Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Buffer	10 mM PBS. Does not contain BSA
Gene ID       4586         Gene Symbol       MUC5AC         Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Specificity/Sensitivity       This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Western Blot, ELISA, Flow Cytometry, Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry/Paraffin, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Product Description	
Gene Symbol         MUC5AC           Species         Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)           Specificity/Sensitivity         This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).           Immunogen         M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient           Product Application Details         Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation           Recommended Dilutions         Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating           Application Notes         Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Host	Mouse
Species       Human, Mouse, Rat, Chicken, Feline, Primate, Porcine, Rabbit, Bovine (Negative)         Specificity/Sensitivity       This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Gene ID	4586
(Negative)Specificity/SensitivityThis MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).ImmunogenM1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patientProduct Application DetailsWestern Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, ImmunoprecipitationRecommended DilutionsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coatingApplication NotesImmunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Gene Symbol	MUC5AC
identified as Mucin 5AC).         Immunogen       M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient         Product Application Details       M2 ELISA, Flow Cytometry, Immunofluorescence, Immunohistochemistry-Frozen, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Species	
O Le(a-b) patient         Product Application Details         Applications       Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation         Recommended Dilutions       Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating         Application Notes       Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Specificity/Sensitivity	This MAb recognizes the peptide core of gastric mucin M1 (>1,000kDa) (recently identified as Mucin 5AC).
ApplicationsWestern Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, ImmunoprecipitationRecommended DilutionsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coatingApplication NotesImmunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Immunogen	M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient
Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, ImmunoprecipitationRecommended DilutionsFlow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coatingApplication NotesImmunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Product Application Details	5
Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coatingApplication NotesImmunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen,
sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Recommended Dilutions	Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating
	Application Notes	sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT





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#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our guarantee, please visit www.novusbio.com/guarantee.

