# **Product Datasheet**

# CD45RA Antibody NBP2-34802-0.2 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

## NBP2-34802-0.2 mg

CD45RA Antibody (SPM568) [Azide Free]

Unit Size 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 SPM568 Preservative No Preservative sotype IgG2a Kappa Conjugate Azide Free Purity Protein A purified Buffer 10 mM PBS. Does not contain BSA Product Description Host Mouse Gene ID 5788 Gene ID 5788 Gene Symbol PTPRC Species Human mmunogen Stimulated human leukocytes Product Application Details Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunophistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating	ob ioi a transbody (or mood) [r	
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 SPM568  Preservative No Preservative IgG2a Kappa  Conjugate Azide Free Purity Protein A purified Buffer 10 mM PBS. Does not contain BSA  Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC  Species Human  mmunogen Stimulated human leukocytes  Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunopticorescence, Immunohistochemistry-Frozen, Immunopticotemistry-Paraffin, Immunoprecipitation  Recommended Dilutions  Application Notes  Immunocytochemistry-Paraffin immunoprecipitation 0.5-1ug/ml, Immunopticothemistry-Frozen 0.5-1ug/ml, Immunophistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating  Immunophistochemistry-Paraffin o.5-1ug/ml, ELISA 1-5ug/ml for coating  Immunophistochemistry-Paraffin o.5-1ug/ml, ELISA 1-5ug/ml for coating  Immunophistochemistry (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 Information	
Storage Storage At C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  Clonality Monoclonal  Clone SPM568  Preservative No Preservative Stotype IgG2a Kappa  Conjugate Azide Free Purity Protein A purified Buffer 10 mM PBS. Does not contain BSA  Product Description  Host Mouse Gene ID 5788  Gene BD 5788  Gene Symbol PTPRC  Species Human  mmunogen Stimulated human leukocytes  Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation  Recommended Dilutions  Application Notes  Immunohistochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Frozen 0.5-1ug/ml	Unit Size	0.2 mg
Clonality Monoclonal Clone SPM568 Preservative No Preservative Sotype IgG2a Kappa Conjugate Azide Free Purity Protein A purified Buffer 10 mM PBS. Does not contain BSA  Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC Species Human Immunogen Stimulated human leukocytes  Product Application Details  Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunoprecipitation cells, Immunoprecipitation 1-2-ug/50.0ug protein lysate, Immunohistochemistry-Frozen 0.5-1 ug/ml, Immunoprecipitation (S-1 ug/ml, ELISA 1-5 ug/ml, Immunoprecipitation (S-1 ug/ml, Immunop	Concentration	
Clone SPM568 Preservative No Preservative  sotype IgG2a Kappa Conjugate Azide Free Purity Protein A purified Buffer 10 mM PBS. Does not contain BSA  Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC Species Human Immunogen Stimulated human leukocytes  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, 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	Storage	·
Preservative No Preservative  sotype IgG2a Kappa Conjugate Azide Free Purity Protein A purified Buffer 10 mM PBS. Does not contain BSA  Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC Species Human Immunogen Stimulated human leukocytes  Product Application Details  Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunopistochemistry-Paraffin, Immunoprecipitation  Flow Cytometry 0.5-1ug/mll, Incompany Immunocytochemistry-Paraffin 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  No Preservative IgG2a Kappa  Applea  Mouse  10 mM PBS. Does not contain BSA  Mouse 10 mmunoples  10 mmunoples 10 mmunoples 10 mmunoples 11 mmunoples 12 mmunohistochemistry-Paraffin 0.5-1ug/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 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT	Clonality	Monoclonal
IgG2a Kappa   IgG2a Kappa   Azide Free	Clone	SPM568
Conjugate Azide Free Purity Protein A purified Buffer 10 mM PBS. Does not contain BSA  Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC Species Human Immunogen Stimulated human leukocytes  Product Application Details  Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation  Recommended Dilutions Flow Cytometry O.5-1ug/million cells, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen O.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	Preservative	No Preservative
Protein A purified Buffer 10 mM PBS. Does not contain BSA  Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC  Species Human Stimulated human leukocytes  Product Application Details  Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunoprecipitation  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	Isotype	IgG2a Kappa
Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC Species Human Stimulated human leukocytes  Product Application Details Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunocytochemistry-Paraffin, Immunoprecipitation  Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunocytochemistry-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	Conjugate	Azide Free
Product Description Host Mouse Gene ID 5788 Gene Symbol PTPRC Species Human Stimulated human leukocytes  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	Purity	Protein A purified
Mouse   Sque ID   5788   Sque Symbol   PTPRC   Species   Human   Stimulated human leukocytes   Product Application Details   Applications   Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation   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   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 Symbol  PTPRC  Species  Human  Stimulated human leukocytes  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	Product Description	
PTPRC	Host	Mouse
Human   Stimulated human leukocytes	Gene ID	5788
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	Gene Symbol	PTPRC
Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation  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	Species	Human
Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation  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	Immunogen	Stimulated human leukocytes
Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation  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	Product Application Details	
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	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
	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.

