

Product Datasheet

CD45RO Antibody **NBP2-34735-0.2 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

NBP2-34735-0.2 mg

CD45RO Antibody (SPM125) [Azide Free]

Product Information	
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	SPM125
Preservative	No Preservative
Isotype	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, Primate
Species Reactivity	Chimpanzee
Specificity/Sensitivity	Recognizes a 180-185kDa protein, identified as isoform of leukocyte common antigen (CD45RO). The epitope recognized by this antibody is sensitive to neuraminidase digestion. This antibody reacts with mature activated T-cells, most thymocytes, and a sub-population of resting T-cells within both CD4 and CD8 subsets. It shows no reactivity with normal B or natural killer cells, but reacts with granulocytes and monocytes. Reportedly, it is useful to identify T-cell lymphomas and leukemias. It rarely stains NK cells or B-cell lymphomas.
Immunogen	Cultured human T-cells from an IL-2-dependent T-cell line (CA1)
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 for 20 minutes)





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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.

