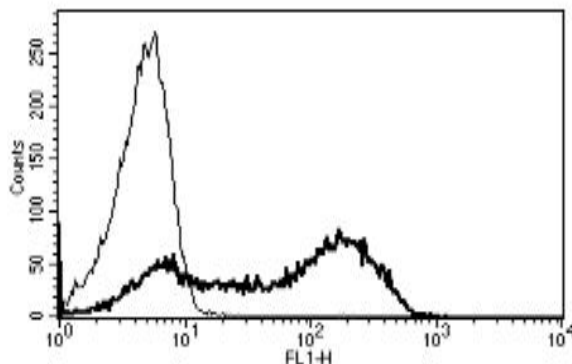


PTPRC

Mouse Anti-Human CD45RA (Clone B-C15) mAb, Azide Free

Catalog No.	CDM189A CDM189B	Quantity:	200 µg 500 µg
Alternate Names:	Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA, T200, CD45		
Description:	The CD45RA antigen is a member of the CD45 antigen family that also includes the CD45, CD45RB, and CD45RO antigens. The CD45RA antigen is present on approximately 50% of CD4+ T lymphocytes, approximately 75% of CD8+ T lymphocytes, and on essentially all B lymphocytes and natural killer lymphocytes. ¹⁹ The suppressor inducer T-lymphocyte subset expresses the phenotype CD4+CD45RA+. ¹⁹ The CD45RA antigen is expressed on naive T lymphocytes; antigen density decreases upon in vitro activation. ²⁰ A selective loss of the CD4+CD45RA+ subset during active multiple sclerosis has been demonstrated.		
UniProt ID:	P08575		
Gene ID:	5788		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes the restricted L-CA with different isoforms of 205/220 kDa		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Immunogen:	Reh 6 cell line		
Isotype:	Mouse IgG1κ		
Clone:	B-C15		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	Flow Cytometry, IHC: recommended dilution 1:50		
Storage & Stability:	Stable at 2-8°C for 1 year. For longer storage, freeze in aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

A typical staining pattern with the B-C15 monoclonal antibody of lymphocytes.



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