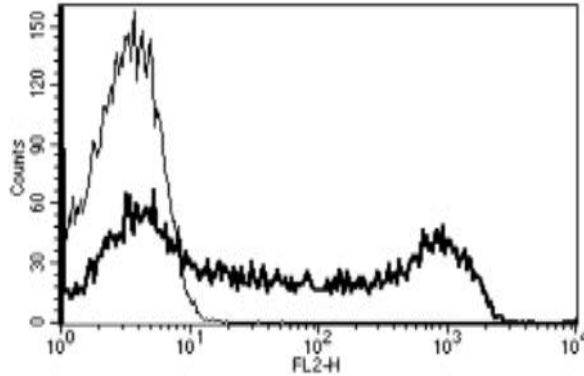


## PTPRC

### Mouse Anti-Human CD45RA (Clone B-C15) PE mAb

<b>Catalog No.</b>	CDM191	<b>Quantity:</b>	100 tests
<b>Alternate Names:</b>	Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA, T200, CD45		
<b>Description:</b>	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. <sup>19</sup> The suppressor inducer T-lymphocyte subset expresses the phenotype CD4+CD45RA+. <sup>19</sup> The CD45RA antigen is expressed on naive T lymphocytes; antigen density decreases upon in vitro activation. <sup>20</sup> A selective loss of the CD4+CD45RA+ subset during active multiple sclerosis has been demonstrated.		
<b>UniProt ID:</b>	P08575		
<b>Gene ID:</b>	5788		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c spleen cells		
<b>Specificity:</b>	Recognizes the restricted Leucocyte Antigen (LCA) with different isoforms of 205-220 kDa		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Reh6 cell line		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	B-C15		
<b>Conjugate:</b>	PE		
<b>Formulation:</b>	Lyophilized from PBS, 1% BSA, 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with 1 ml deionized water.		
<b>Concentration:</b>	100 tests / 1 ml		
<b>Applications:</b>	Flow Cytometry		
<b>Application Notes:</b>	Use 10 µl to label 10 <sup>6</sup> cells or 100 µl of whole blood.		
<b>Storage &amp; Stability:</b>	Store lyophilized product at 2-8°C. Stable at +2-8°C for six months after reconstitution. <b>DO NOT FREEZE.</b>		

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



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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