

Product datasheet for **SM1117PT**

CD45 (PTPRC) (CD45RO) Mouse Monoclonal Antibody [Clone ID: UCHL1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	UCHL1
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/25-1/50 diluted antibody to label 10e6 cells in 100 µl. Immunoprecipitation. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: This product does not require protein digestion pre-treatment of paraffin sections and does not require antigen retrieval using heat treatment prior to staining of paraffin sections. <i>Recommended Positive Control Tissue:</i> Tonsil.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human IL-2 dependent T-Cells.
Specificity:	This antibody recognises the low molecular weight isoform (180kD) of the Leucocyte Common Antigen (LCA).
Formulation:	PBS containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch
Gene Name:	protein tyrosine phosphatase, receptor type C



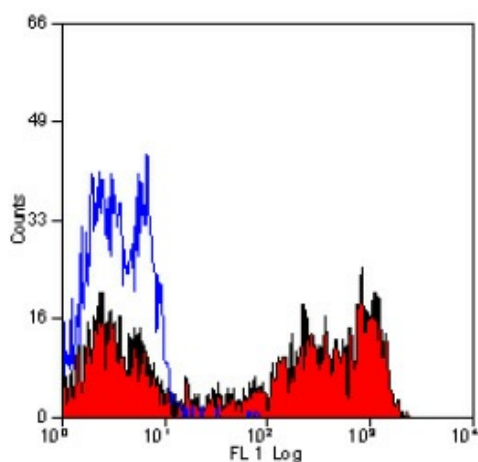
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Database Link: [Entrez Gene 5788 Human P08575](#)

Background: The antigen is expressed by a functional subset of T cells with memory phenotype. In peripheral blood UCHL1 stains 40-80% of lymphocytes, and all monocytes and granulocytes.

Synonyms: PTPRC, Leukocyte common antigen, L-CA, T200

Product images:



Staining of human peripheral blood lymphocytes with Mouse Anti Human CD45RO.