

Product datasheet for **SM1117F**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	UCHL1
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells or 100 µl whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human IL-2 dependent T-cells
Specificity:	UCHL-1 recognises the low molecular weight isoform (180 kD) of the leucocyte common antigen (LCA).
Formulation:	PBS, pH 7.2, containing 0.09% as a preservative and 1% BSA as a stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Gene Name:	protein tyrosine phosphatase, receptor type C
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



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