

## Product datasheet for **SM21FT**

### CD45 (PTPRC) Mouse Monoclonal Antibody [Clone ID: F10-89-4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	F10-89-4
Applications:	FC
Recommended Dilution:	Flow Cytometry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human T lymphocytes
Specificity:	This antibody recognises human CD45, a cell surface antigen also known as the leucocyte common antigen (LCA). This antibody is routinely tested on human peripheral blood leucocytes in flow cytometry, and can be used to detect all human CD45 isoforms.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide, 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG 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. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein tyrosine phosphatase, receptor type C
Database Link:	<a href="#">Entrez Gene 5788 Human P08575</a>
Background:	CD45 is expressed by all haematopoietic cells bar erythrocytes, with higher expression characteristically on lymphocytes than that observed on granulocytes.



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