

## Product datasheet for **SM1796F**

### CD45 (PTPRC) (CD45RA) Mouse Monoclonal Antibody [Clone ID: F8-11-13]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	F8-11-13
Applications:	FC
Recommended Dilution:	Flow cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 100µl lysed whole blood.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human T lymphocytes. Spleen cells from immunised BALB/c mouse were fused with cells of the NS-1 mouse myeloma cell line.
Specificity:	This antibody recognises the CD45RA cell surface antigen. Clone F8-11-13 reacts with the high molecular weight form of the leucocyte common antigen (LCA) expressed by B lymphocytes and a subset of T lymphocytes.
Formulation:	PBS, pH7.2 containing 0.09% Sodium Azide and 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>

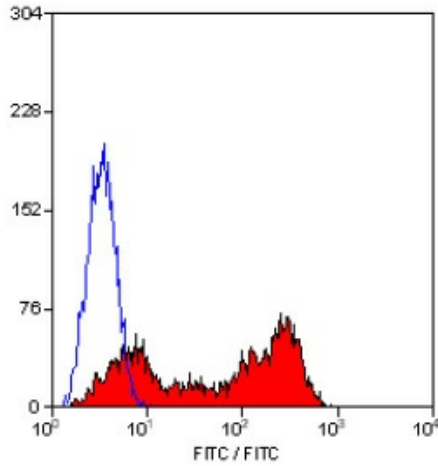


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**Background:** CD45 is a complex molecule existing in a number of isoforms. Antibodies recognising a common epitope on all of these isoforms are termed CD45 whilst those recognising only individual isoforms are termed CD45RA or CD45RO etc.

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

**Product images:**



Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD45RA:FITC.