

Product datasheet for **SM1795F**

CD45 (PTPRC) Mouse Monoclonal Antibody [Clone ID: F-10-89-4]

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | F-10-89-4 |
| Applications: | FC |
| Recommended Dilution: | Flow cytometry. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Human T lymphocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS-1 myeloma cell line. |
| Specificity: | <p>This antibody recognises the human CD45 cell surface antigen, also known as the leucocyte common antigen (LCA).</p> <p>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. Clone F10-89-4 reacts with all forms of CD45 expressed by all haematopoietic cells, except erythrocytes, having a higher level of expression on lymphocytes than on granulocytes.</p> |
| Formulation: | <p>PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin</p> <p>Label: FITC</p> <p>Label: Fluorescein Isothiocyanate Isomer 1</p> |
| Concentration: | lot specific |
| Purification: | Affinity chromatography on Protein G |
| Conjugation: | FITC |
| Storage: | <p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>This product is photosensitive and should be protected from light.</p> |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | protein tyrosine phosphatase, receptor type C |



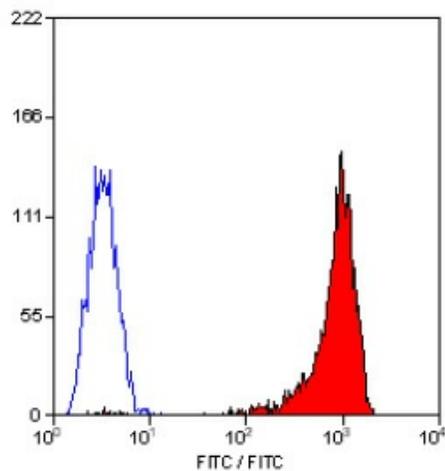
[View online »](#)

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

Background: CD45 is a complex molecule existing in a number of isoforms.

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

Product images:



Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD45:FITC.