

## Product datasheet for **SM274F**

### Ptpcr Mouse Monoclonal Antibody [Clone ID: OX-1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-1
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat thymocyte membrane glycoproteins. Spleen cells from immunised BALB/c mice were fused with cells of the NS1 mouse myeloma cell line.
Specificity:	This antibody recognises CD45. Antibodies recognising a common epitope on all of these isoforms are termed CD45, whilst those recognising only individual isoforms are termed CD45RA, CD45RO etc. OX-1 reacts with all forms of CD45 expressed by all haematopoietic cells, except erythrocytes.
Formulation:	PBS containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein tyrosine phosphatase, receptor type, C
Database Link:	<a href="#">Entrez Gene 24699 Rat P04157</a>



[View online »](#)

**Background:** The leucocyte common antigen consists of a family of heavily glycosylated membrane glycoproteins of molecular weight 180 - 240kDa. CD45 isoforms play complex roles in T-cell and B-cell antigen receptor signal transduction.

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