

## Product datasheet for **SM280PS**

### **Ptprc (CD45RC) Mouse Monoclonal Antibody [Clone ID: OX-22]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OX-22
<b>Applications:</b>	FC, IHC
<b>Recommended Dilution:</b>	Flow Cytometry: 1/100; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Immunohistochemistry on frozen sections: 1/100 - 1/1000. Immunohistochemistry on paraffins sections: 1/100 - 1/1000; This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.
<b>Reactivity:</b>	Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	PHA stimulated rat lymphocytes. Spleen cells from immunised BALB/c mice were fused with cells from the NS1 mouse myeloma cell line.
<b>Specificity:</b>	This antibody recognises CD45RC, the high molecular weight form of the leucocyte common antigen.
<b>Formulation:</b>	PBS, pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography on Protein G
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	protein tyrosine phosphatase, receptor type, C
<b>Database Link:</b>	<a href="#">Entrez Gene 24699 Rat P04157</a>



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**Background:** This antigen is found on B cells, approximately 50% of bone marrow cells, all CD8+ve T cells, but splits CD4+ve T cells into two populations, CD4+ CD45RC (Th 1-like) and CD4+ CD45RC low (Th-2 like).

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