

## Product datasheet for **SM1652FS**

### CD200 Rat Monoclonal Antibody [Clone ID: OX-90]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-90
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat-1/5 diluted antibody to label 10e6 cells in 100 µl. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse CD200-rat CD4 fusion protein. Spleen cells from immunised rats were fused with cells of the rat Y3 myeloma cell line.
Specificity:	This antibody recognises CD200 cell surface antigen.
Formulation:	PBS, pH 7.4 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
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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">O54901</a>
Background:	CD200 is expressed by splenic B lymphocytes, follicular dendritic cells, splenic endothelium and by neurons. Recent studies have suggested that the CD200 - CD200 ligand system is of importance in the control of macrophage and granulocyte activation.



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**Synonyms:** OX-2 membrane glycoprotein, MOX1, MOX2, My033