

Product datasheet for **SM2095FT**

Cd200r1 Rat Monoclonal Antibody [Clone ID: OX-110]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-110
Applications:	FC
Recommended Dilution:	Flow Cytometry (1/10): Use 10 µl of the suggested working dilution to label 10e6 cells in 100 µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein mCD200RCD4d3+4.
Specificity:	This antibody recognises Mouse CD200R, a cell surface glycoprotein (OX2R). In mouse CD200R is expressed primarily by peripheral blood monocytes and neutrophils but also by other leucocytes including T-lymphocytes and mast cells. (1) Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function.
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.
Gene Name:	CD200 receptor 1



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Database Link: [Entrez Gene 57781 Mouse Q9ES57](#)

Background: A cell surface glycoprotein (also known as OX2R). In humans and mice CD200R is expressed primarily by peripheral blood monocytes and neutrophils but also by other leukocytes including T lymphocytes and mast cells. Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function. Levels of expression on resting peripheral blood cells are relatively low. CD200R interacts with Human herpesvirus 8 (HHV8 or KSHV) vOX2 protein.

Synonyms: CD200R1, CRTR2, MOX2R, OX2R, CD200 Receptor 1