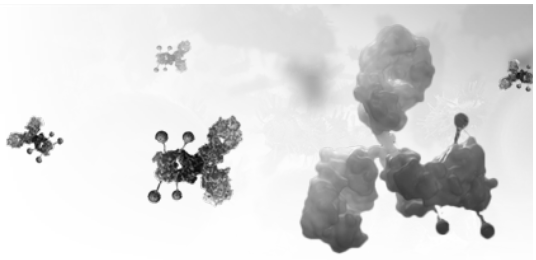

Anti-CD200R1 monoclonal antibody, clone OX-110 [R-PE] (CABT-47326RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD200R antibody, clone OX-110 recognizes mouse CD200R, a cell surface glycoprotein (also known as OX2R. Mouse CD200R is a 326 amino acid, ~48kDa single pass type I transmembrane glycoprotein, expressed primarily by peripheral blood monocytes and neutrophils but also by other leucocytes including T-lymphocytes and mast cells. Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function. Rat anti Mouse CD200R antibody, clone OX-110 has been used successfully for the immunohistochemical detection of CD200R expressing cells on acetone fixed cryosections of murine synovial tissue. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.
Specificity	CD200R1
Immunogen	Fusion protein mCD200RCD4d3+4
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	OX-110
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests

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Preservative	0.09% Sodium Azide
Storage	Store at +4°C. DO NOT FREEZE This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd200r1 CD200 receptor 1 [Mus musculus (house mouse)]
Official Symbol	CD200R1
Synonyms	CD200R1; CD200 receptor 1; OX2R; Mox2r; CD200R; cell surface glycoprotein CD200 receptor 1; Orexin receptor 2; CD200 cell surface glycoprotein receptor; cell surface glycoprotein OX2 receptor 1; antigen identified by monoclonal antibody MRC OX-2 receptor;
Entrez Gene ID	57781
Protein Refseq	NP_067300
UniProt ID	Q9ES57
Chromosome Location	16; 16
Pathway	Adaptive Immune System; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	protein binding; receptor activity;

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