



Anti-CD200 monoclonal antibody, clone OX-90 [R-PE] (CABT-47287RM)

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

PRODUCT INFORMATION

Product Overview

Rat anti Mouse CD200 antibody, clone OX-90 recognizes the mouse CD200 cell surface antigen, also known as OX2. CD200 is expressed by splenic B lymphocytes, follicular dendritic cells, splenic endothelium and by neurons. Studies have suggested that the CD200 - CD200 ligand system is of importance in the control of macrophage and granulocyte activation. 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	CD200
Immunogen	Mouse CD200-rat CD4 fusion protein
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	OX-90
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution 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	Cd200 CD200 antigen [Mus musculus (house mouse)]
Official Symbol	CD200
Synonyms	CD200; CD200 antigen; OX2; Mox2; OX-2 membrane glycoprotein; MRC OX-2 antigen; antigen identified by monoclonal antibody MRC OX-2;
Entrez Gene ID	17470
Protein Refseq	NP_034948
UniProt ID	O54901
Chromosome Location	16 29.53 cM; 16 A1
Pathway	Adaptive Immune System; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	protein binding;