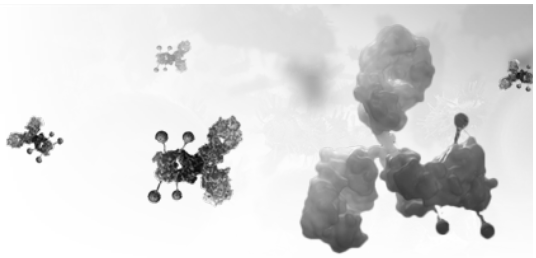

Anti-CD200 monoclonal antibody, clone 436634 [Biotin] (DCABY-4297)

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

PRODUCT INFORMATION

Antigen Description	CD200 antigen, also known as OX-2, is a type I transmembrane protein belonging to the Ig superfamily. It has a 202 amino acid extracellular domain and a short (19 aa) cytoplasmic tail. At least two alternate splice isoforms exist that differ in their cytoplasmic domains. CD200 is widely expressed in multiple cell types. It interacts with CD200 R1, another Ig superfamily inhibitory receptor primarily expressed on leukocytes of the myeloid lineage, to inhibit myeloid functions.
Specificity	Detects human CD200 in ELISAs. In sandwich immunoassays, no cross-reactivity or interferencewithrecombinant mouse CD200 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CD200. Gln31-Gly232 Accession Number P41217.3
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	436634
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	250 µg

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Buffer	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	CD200 CD200 molecule [Homo sapiens (human)]
Official Symbol	CD200
Synonyms	CD200; CD200 molecule; MRC; MOX1; MOX2; OX-2; OX-2 membrane glycoprotein; CD200 antigen; MRC OX-2 antigen; antigen identified by monoclonal antibody MRC OX-2;
Entrez Gene ID	4345
Protein Refseq	NP_001004196
UniProt ID	P41217
Chromosome Location	3q13.2
Pathway	Adaptive Immune System; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	protein binding;

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