

Rat anti-Human CD200 Antibody | anti-CD200 antibody

Anti-Human CD200, Purified, (Clone: 1B9) (Rat IgG2a)

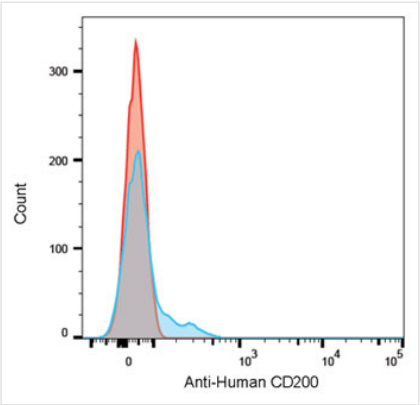
CATALOG # AAA74228	HOST Rat	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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PRODUCT SYNONYMS

CD200; Anti-Human CD200; Purified; (Clone: 1B9) (Rat IgG2a); anti-CD200 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human
Isotype	IgG _{2a}
Clone Number	1B9
Specificity	This antibody is specific for human CD200.
Form/Format	Purified
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-CD200 antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Human CD200-Fc fusion protein.
Conjugate	Unconjugated
Presentation	Purified: Purified IgG buffered in PBS AND 0.02% NaN₃. (Purified via Protein G Chromatography). For maximum recovery of contents, spin down tube before use. LE: Purified Ig buffered in PBS, no preservative, 0.2um sterile filtered. (Purified from cell culture supernatant via Protein G Chromatography) Biotin, FITC, PE, APC, AF488 and AF647: Biotin/FITC/PE/APC/AF488/AF647 conjugated IgG buffered in PBS, 0.02% NaN₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
Preparation and Storage	Store at 4°C. DO NOT FREEZE APC, PE, AF488, and AF647 conjugates. For long term storage (Purified, LE, Biotin and FITC), aliquot and freeze unused portion -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.



FCM/FACS (Flow Cytometry)
Human peripheral blood lymphocytes were stained with anti-CD200 (clone: 1B9) (blue histogram) or Rat IgG2a isotype control (red histogram).

ADDITIONAL INFORMATION

Related Product Information for anti-CD200 antibody	CD200, also known as OX-2, is a type-1 membrane glycoprotein that belongs to the immunoglobulin superfamily (IgSF). It's expressed on several tissues including thymocytes, neurons, endothelium, follicular dendritic cells in all lymphoid organs, a subset of CD34+ progenitor cells, and at low levels on some smooth muscle and B lymphocytes. CD200 is not expressed on NK cells, monocytes, granulocytes, or platelets. CD200 co-stimulates T-cell proliferation and may regulate myeloid cell activity in a variety of tissues. Additionally, interaction of CD200 with its receptor on macrophages induces a downregulation of macrophage activity in a variety of tissues, suggesting a regulatory function.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119600082
NCBI GeneID	4345
NCBI Official Full Name	CD200 antigen, isoform CRA_a
NCBI Official Synonym Full Names	CD200 molecule
NCBI Official Symbol	CD200
NCBI Official Synonym Symbols	MRC; MOX1; MOX2; OX-2
NCBI Protein Information	OX-2 membrane glycoprotein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.