

Rat CD200R Monoclonal Antibody | anti-CD200R antibody

RAT ANTI MOUSE CD200R:RPE

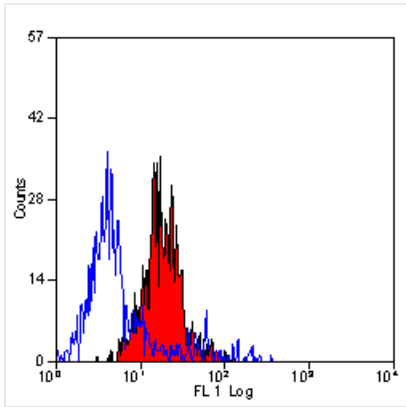
CATALOG # AAA12039	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

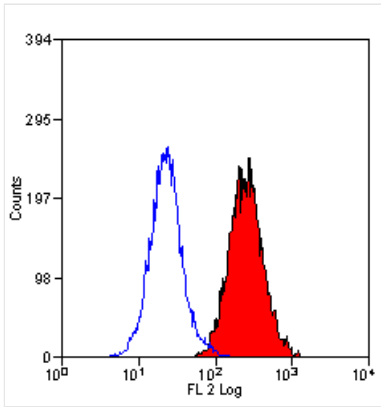
CD200R; Monoclonal Antibody; RAT ANTI MOUSE CD200R:RPE; anti-CD200R antibody

PRODUCT SPECIFICATIONS

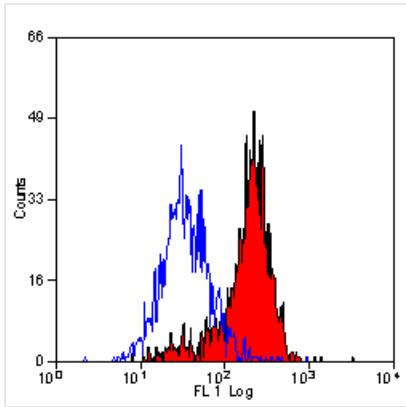
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	OX-110
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	326
Applicable Applications for anti-CD200R antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors. This may be reduced by using SeroBlock FcR. Flow Cytometry: Maximum Dilution: Neat
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
Preparation and Storage	Store at 4 degree 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. Shelf Life: 12 months from date of reconstitution.



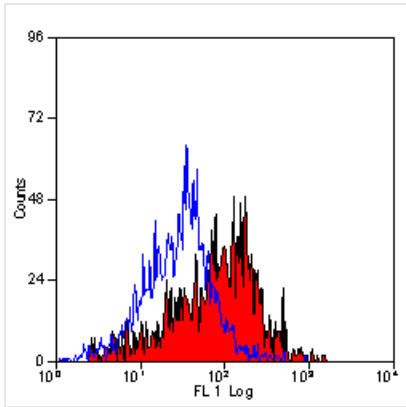
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD200R: Low Endotoxin



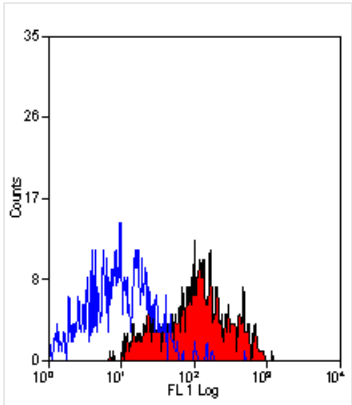
Application Data
Staining of mouse peripheral blood granulocytes with Rat anti Mouse CD200R: RPE



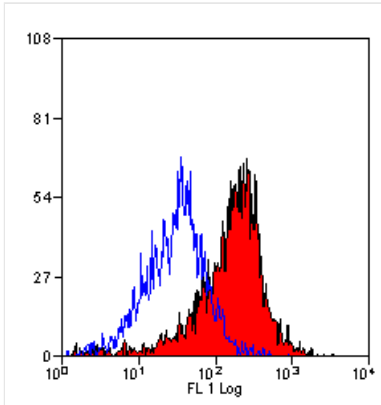
Application Data
Staining of mouse peritoneal macrophages with Rat anti Mouse CD200R: Alexa Fluor 488



Application Data
Staining of mouse peritoneal macrophages with Rat anti Mouse CD200R



Application Data
Staining of mouse peritoneal macrophages with Rat anti Mouse CD200R: FITC



Application Data
Staining of mouse peritoneal macrophages with Rat anti Mouse CD200R

ADDITIONAL INFORMATION

Related Product Information for anti-CD200R antibody

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 (Wright et al.2003). Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function (Minas and Liversidge 2006). 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 (Simelyte et al. 2008).

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946634
NCBI GeneID	57781
NCBI Accession #	NP_067300.1
NCBI GenBank Nucleotide #	NM_021325.3
UniProt Accession #	Q9ES57
Molecular Weight	35,505 Da
NCBI Official Full Name	cell surface glycoprotein CD200 receptor 1
NCBI Official Synonym Full Names	CD200 receptor 1
NCBI Official Symbol	Cd200r1
NCBI Official Synonym Symbols	OX2R; Mox2r; CD200R
NCBI Protein Information	cell surface glycoprotein CD200 receptor 1; CD200 cell surface glycoprotein receptor; Orexin receptor 2; antigen identified by monoclonal antibody MRC OX-2 receptor; cell surface glycoprotein OX2 receptor 1
UniProt Protein Name	Cell surface glycoprotein CD200 receptor 1
UniProt Gene Name	Cd200r1
UniProt Synonym Gene Names	Mox2r; Ox2r
UniProt Entry Name	MO2R1_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd200r-antibody-clone-ox-110-flow-cytometry-elisa/12039>