

Rat CD200R Monoclonal Antibody | anti-CD200R antibody

RAT ANTI MOUSE CD200R:RPE

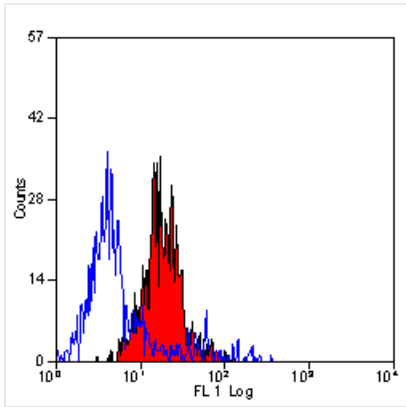
CATALOG # AAA12039	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

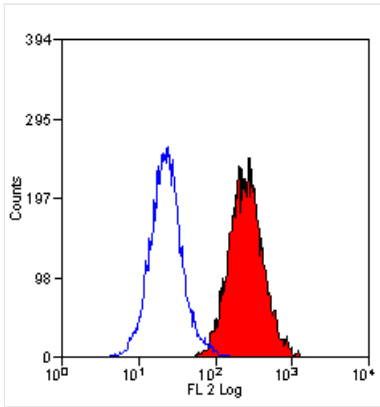
CD200R; Monoclonal Antibody; RAT ANTI MOUSE CD200R:RPE; anti-CD200R antibody

PRODUCT SPECIFICATIONS

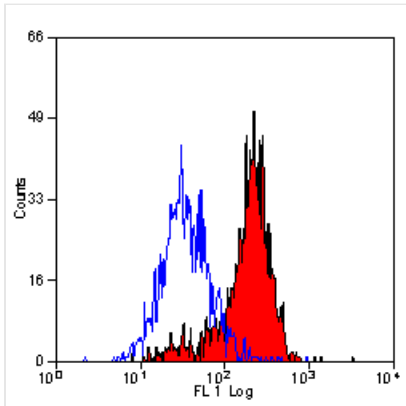
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	OX-110
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	326
Applicable Applications for anti-CD200R antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working 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.



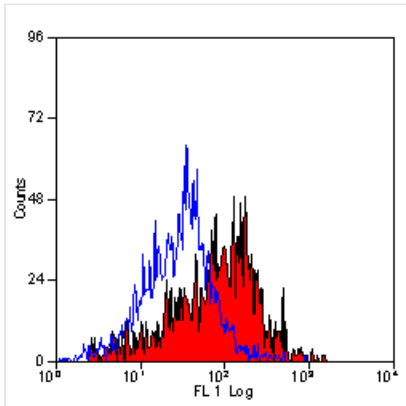
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD200R: Low Endotoxin



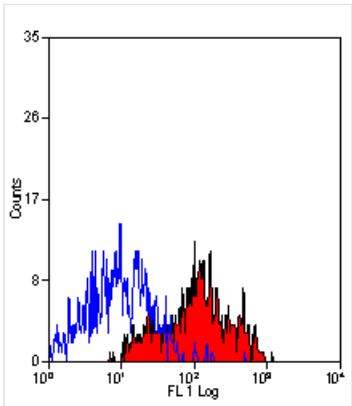
Application Data
Staining of mouse peripheral blood granulocytes with Rat anti Mouse CD200R: RPE



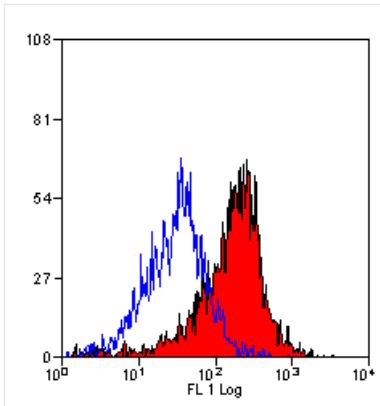
Application Data
Staining of mouse peritoneal macrophages with Rat anti Mouse CD200R: Alexa Fluor 488



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).
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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://stage.aaabiotech.com/monoclonal/cd200r-antibody-clone-ox-110-flow-cytometry-elisa/12039>