

CD200 recombinant antibody

Anti-CD200 [OX-2], Mouse IgG1, kappa

CATALOG # AAA72446	HOST Mouse	REACTIVITY Rat	APPLICATIONS Flow Cytometry, Functional Assay
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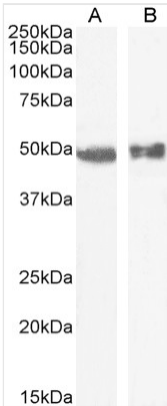
PRODUCT SYNONYMS

CD200; Monoclonal Recombinant Antibody; Anti-CD200 [OX-2]; Mouse IgG1; kappa; OX2 antigen; OX-2 membrane glycoprotein; MOX1; MOX2; MRC OX-2; CD200 recombinant antibody

PRODUCT SPECIFICATIONS

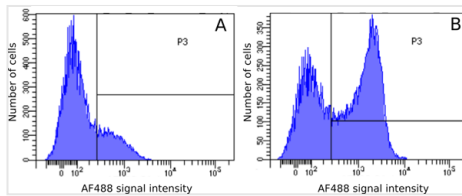
Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Clone Number	OX-2
Specificity	Recognises rat CD200.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CD200 recombinant antibody	FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)
Western Blot using anti-CD200 antibody OX-2 (AAA72446). Ratspleen (A) and rat thymus (B) samples (35 µg protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of OX-2 (AAA72446) at 2 µg/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1 h was used and protein was detected by chemiluminescence. The expected running size for CD200 is 40-50 kDa. AAA72446 successfully detected CD200 in rat spleen and rat thymus tissue.

IF (Immunofluorescence)
Immunofluorescence staining of fixed cells. Cells were fixed with 4% paraformaldehyde, permeabilized with 0.1% Triton X-100, and blocked with 1% BSA. Cells were then stained with anti-CD200 antibody OX-2 (AAA72446) at 10 µg/ml for 1 h followed by a secondary antibody (Alexa Fluor 488 anti-mouse IgG1) and DAPI. Fluorescence was detected by flow cytometry.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-CD200 (OX-2 membrane glycoprotein) antibody OX-2 (AAA72446) staining of rat (*Rattus norvegicus*) leukocytes with either an isotype control (A) or the rabbit-chimeric version of OX-2 (B, AAA72446) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using an Alexa Fluor 488 conjugated donkey anti-rabbit antibody (ab150073) and cells analysed on a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for CD200 recombinant antibody	Membrane glycoproteins from rat thymocytes.
References	McMaster & Williams Identification of Ia glycoproteins in rat thymus and purification from rat spleen. Eur J Immunol. 1979 Jun;9(6):426-33. N/A315315 Note on publication: Describes the generation of this antibody.

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/cd200-recombinant-antibody-clone-ox-2-flow-cytometry-elisa/72446>