

CD200 recombinant antibody

Anti-CD200 [OX-2], Rabbit IgG, kappa

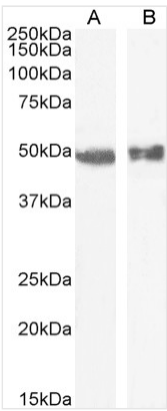
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72447	Rabbit	Rat	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Monoclonal
Isotype	Rabbit IgG 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)
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

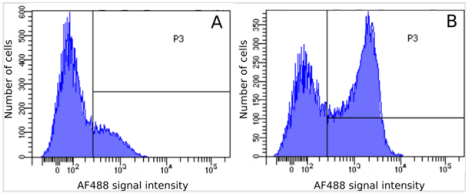


WB (Western Blot)

Western Blot using anti-CD200 antibody OX-2(AAA72447). Ratspleen (A) and rat thymus (B) samples (35ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of OX-2(AAA72447) at 2ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected running size for CD200 is 40-50kDa. AAA72447 successfully detected CD200 in rat spleen and rat thymus tissue.

IF (Immunofluorescence)

Immunofluorescence staining of fixed rat spleen (A) and rat thymus (B) cells. Cells were fixed with 4% paraformaldehyde, permeabilized with 0.15% Triton X-100, and blocked with 1% BSA. Cells were stained with anti-CD200 antibody OX-2(AAA72447) at 10ug/ml for 1h followed by Alexa Fluor 488 conjugated anti-rabbit IgG. Staining was visualized by fluorescence microscopy. Right, top-bottom AAA72447, DAPI, merge.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-CD200 (OX-2 membrane glycoprotein) antibody OX-2(AAA72447). Staining of rat (Rattus norvegicus) leukocytes with either an isotype control (A) or the rabbit-chimeric version of OX-2(B, AAA72447) at a concentration of 1ug/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 FACScan 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.