

Mouse CD32 Monoclonal Antibody | anti-CD32 antibody

MOUSE ANTI BOVINE CD32:RPE

CATALOG # AAA49805	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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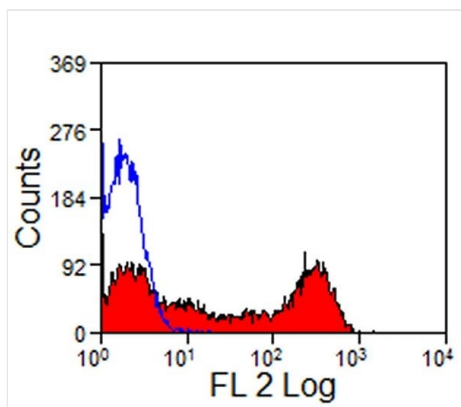
PRODUCT SYNONYMS

CD32; Monoclonal Antibody; MOUSE ANTI BOVINE CD32:RPE; anti-CD32 antibody

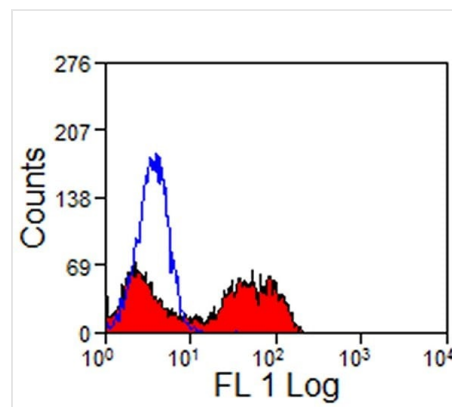
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CCG36
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	296
Applicable Applications for anti-CD32 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1.0 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. Perservative Stabilisers
Immunogen	Bovine Fc gamma RII-transfected COS7 cells Fusion Partners
Target Species	Bovine
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Shelf Life: 18 months from date of reconstitution

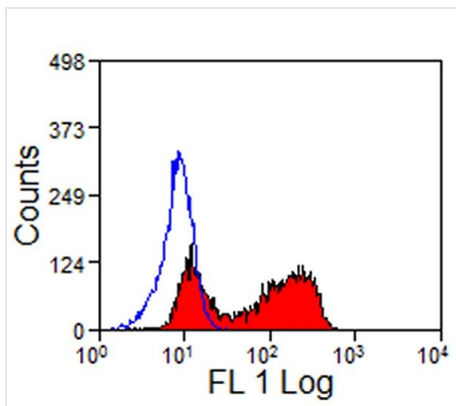
IMAGES


Application Data

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD32:RPE


Application Data

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD32:FITC



Application Data

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD32 followed by Goat anti Mouse IgG:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD32 antibody

Mouse anti Bovine CD32 antibody, clone CCG36 recognizes the bovine homologue of human CD32, one of a group of Fc receptors belonging to the immunoglobulin superfamily and involved in phagocytosis of opsonized microbes. Bovine CD32 is a single pass type 1 membrane protein of approximately 32kDa, expressed on the cell surface of most cells including B-lymphocytes, monocytes, neutrophils and afferent veiled lymph dendritic cells Chattha, K. et al. 2010. It has been shown that expression of bovine CD32 is higher on macrophages than on neutrophils. CD32 can function in an inhibitory capacity to antibody production and is the low affinity Fc receptor for IgG (FcRII), binding to the Fc region of immunoglobulin gamma Chattha et al. 2009. Mouse anti Bovine CD32, clone CCG36 is one of a number of anti bovine CD32 reagents available from AAA Biotech, clone CCG36 is of interest in that it also recognizes ovine CD32 while clone CCG39 recognizes only bovine CD32.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806977
NCBI GeneID	282229
NCBI Accession #	NP_776964.1
NCBI GenBank Nucleotide #	NM_174539.2
UniProt Accession #	Q28110
Molecular Weight	33,020 Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-b
NCBI Official Symbol	FCGR2B
NCBI Official Synonym Symbols	CD32; FCGR2; fcRII
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b; fc-gamma RII; igG Fc receptor II
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II
UniProt Gene Name	FCGR2
UniProt Synonym Gene Names	IgG Fc receptor II; FcRII
UniProt Entry Name	FCGR2_BOVIN

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/cd32-antibody-clone-ccg36-flow-cytometry-elisa/49805>