

Mouse anti-Human, Mouse CD48 Monoclonal Antibody | anti-CD48 antibody

CD48 Monoclonal Antibody

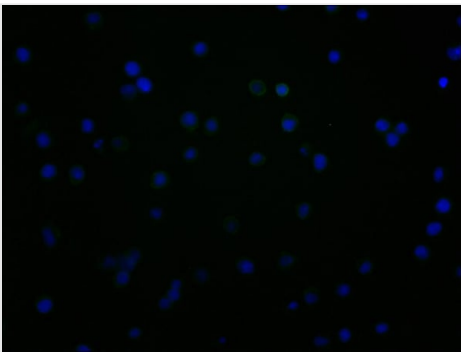
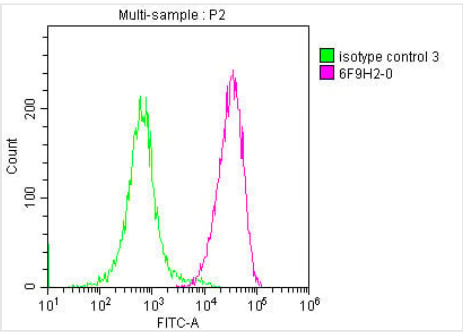
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278880	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

CD48; Monoclonal Antibody; CD48 Monoclonal Antibody; Antigen CD48 antibody; B cell membrane protein antibody; B lymphocyte activation marker BLAST 1 antibody; B-cell activation marker antibody; B-lymphocyte activation marker BLAST-1 antibody; BCM 1 surface antigen antibody; BCM1 antibody; BCM1 surface antigen antibody; BLAST 1 antibody; BLAST antibody; BLAST1 antibody; CD 48 antibody; CD48 antibody; CD48 antigen (B cell membrane protein) antibody; CD48 antigen antibody; CD48 molecule antibody; CD48 protein antibody; CD48_HUMAN antibody; hCD48 antibody; Leucocyte antigen MEM 102 antibody; Leukocyte antigen MEM-102 antibody; mCD48 antibody; MEM 102 antibody; MEM-102 antibody; MEM102 antibody; Signaling lymphocytic activation molecule 2 antibody; SLAM family member 2 antibody; SLAMF 2 antibody; SLAMF2 antibody; TCT.1 antibody; anti-CD48 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6F9H2
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-CD48 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human CD48 protein (27-220AA)
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

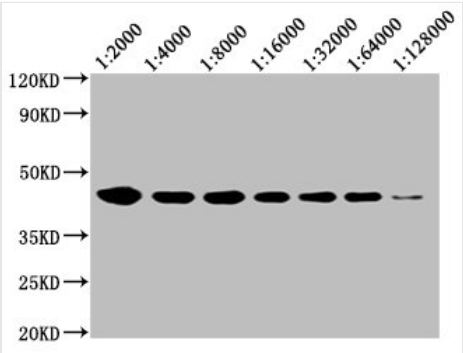


FCM/FACS (Flow Cytometry)

Overlay Peak curve showing JK cells stained with AAA278880 (red line) at 1:200. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 1h at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4 degree C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.

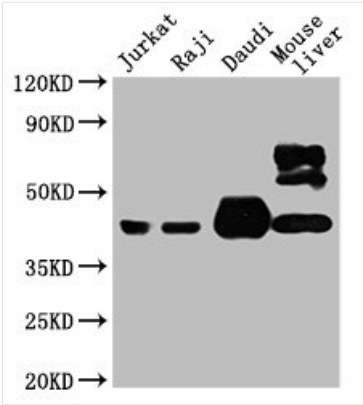
IF (Immunofluorescence)

Immunofluorescence staining of JK cells with AAA278880 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



WB (Western Blot)

Western BlotPositive WB detected in: 20ug Raji whole cell lysateCD48 antibody at 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, 1:64000, 1:128000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 28, 20 KDaObserved band size: 43 KDaExposure time?5min



WB (Western Blot)

Western BlotPositive WB detected in: Jurkat whole cell lysate, Raji whole cell lysate, Daudi whole cell lysate, Mouse liver tissueAll lanes: CD48 antibody at 1:4000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 28, 20KDaObserved band size: 43 KDaExposure time?5min

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD48 antibody	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114871
NCBI GeneID	962
UniProt Accession #	P09326; Q5U055; Q8MGR0
Molecular Weight	19,429 Da
NCBI Official Full Name	CD48 antigen
NCBI Official Synonym Full Names	CD48 molecule
NCBI Official Symbol	CD48
NCBI Official Synonym Symbols	BCM1; BLAST; hCD48; mCD48; BLAST1; SLAMF2; MEM-102
NCBI Protein Information	CD48 antigen

UniProt Protein Name	CD48 antigen
UniProt Gene Name	CD48
UniProt Synonym Gene Names	BCM1; BLAST1; SLAMF2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd48-antibody-clone-6f9h2-flow-cytometry-immunofluorescence-western-blot-elisa/278880>