CD48 recombinant antibody

Rabbit anti-CD48 Recombinant Monoclonal Antibody [BLR286L]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213686	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

CD48; Monoclonal Recombinant Antibody; Rabbit anti-CD48 Recombinant Monoclonal Antibody [BLR286L]; TCT.1; leukocyte antigen MEM-102; mCD48; MEM-102; signaling lymphocytic activation molecule 2; SLAMF2; CD48 antigen; SLAM family member 2; CD48 antigen (B-cell membrane protein); CD antigen CD48; B-lymphocyte activation marker BLAST-1; BLAST1; BLAST; BCM1 surface antigen; BCM1; hCD48; CD48 molecule; CD48 recombinant antibody

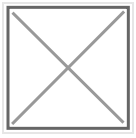
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR286L
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for CD48 recombinant antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Residues 29-220 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human CD48 by western blot. Samples: Whole cell lysate (10 ug) from Raji, Jurkat, Ramos, CAL-27, and NK-92 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD48 recombinant monoclonal antibody (AAA213686 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .

IP (Immunoprecipitation)
Detection of human CD48 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Ramos cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-CD48 recombinant monoclonal antibody (AAA213686 lot 1) used for IP at 20 ul/mg lysate. CD48 was also immunoprecipitated by a second antibody against a different epitope of CD48 (Antibody 2). For blotting immunoprecipitated CD48, AAA213686 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.



FCM/FACS (Flow Cytometry)
Detection of human CD48 (shaded) in NK-92 cells by flow cytometry. Antibody: Rabbit anti-CD48 recombinant monoclonal antibody (AAA213686) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for CD48 recombinant antibody	CD48 is a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. CD48 is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. CD48 does not have a transmembrane domain, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor [taken from NCBI Entrez Gene (Gene ID: 962)].
Product Categories/Family for CD48 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361571
NCBI GeneID	962
NCBI Accession #	NP_001769.2
NCBI GenBank Nucleotide #	NM_001778.3
UniProt Accession #	P09326; Q5U055; Q8MGR0
Molecular Weight	19,429 Da
NCBI Official Full Name	CD48 antigen isoform 1
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://stage.aaabiotech.com/monoclonal/cd48-recombinant-antibody-clone-blr286l-flow-cytometry-immunoprecipitation-western-blot-elisa/213686