

Rabbit anti-Human CD48 Polyclonal Antibody | anti-CD48 antibody

Rabbit anti-CD48 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212690	Rabbit	Human	Immunoprecipitation, Western Blot

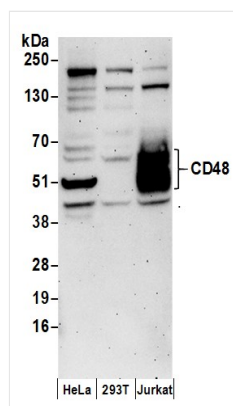
PRODUCT SYNONYMS

CD48; Polyclonal Antibody; Rabbit anti-CD48 Antibody; Affinity Purified; 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; anti-CD48 antibody

PRODUCT SPECIFICATIONS

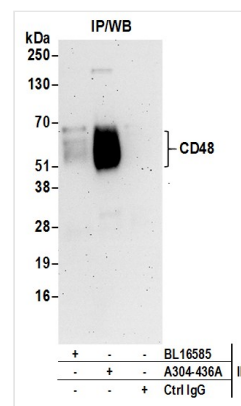
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CD48 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 150 and 200
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 (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-CD48 antibody AAA212690 (lot AAA212690-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CD48 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from Jurkat cells. Antibodies: Affinity purified rabbit anti-CD48 antibody AAA212690 (lot AAA212690-1) used for IP at 6 ug per reaction. CD48 was inefficiently immunoprecipitated by rabbit anti-CD48 antibody BL16585. For blotting immunoprecipitated CD48, AAA212690 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-CD48 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 anti-CD48 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.