

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

CD48 Antibody

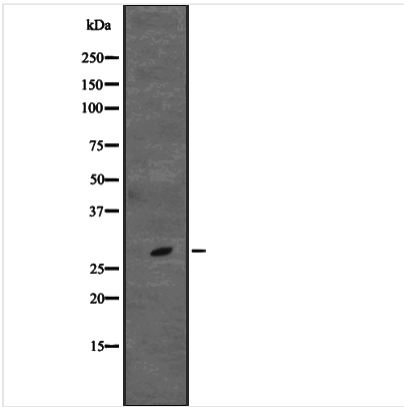
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323370	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

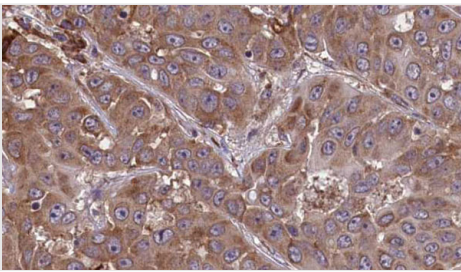
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CD48 antibody detects endogenous levels of total CD48
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	243
Applicable Applications for anti-CD48 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine
Similarity	Pig (86%), Bovine (83%)
Conjugation	Unconjugated



WB (Western Blot)

Western blot analysis of CD48 expression in Jurkat cell lysate, The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323370 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CD48 antibody	Description: Ligand for CD2. Might facilitate interaction between activated lymphocytes. Probably involved in regulating T-cell activation. Subunit Structure: Interacts with CD2. Interacts with CD244 in a heterophilic manner.
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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; Q8MGRO
Molecular Weight	Observed: 28 kDa Predicted: 28 kDa
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.