

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

Anti-CD48 Antibody, Rabbit Polyclonal

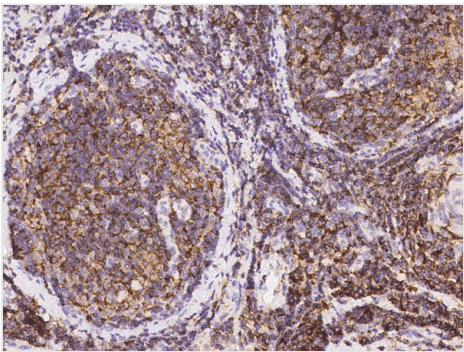
CATALOG # AAA257753	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

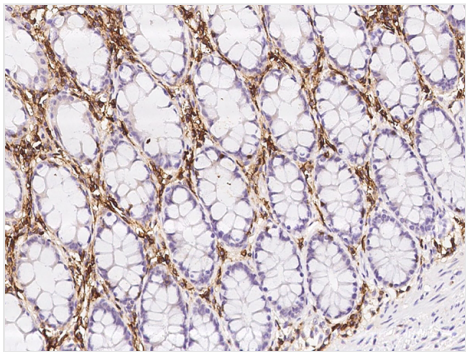
CD48; Polyclonal Antibody; Anti-CD48 Antibody; Rabbit Polyclonal; CD48 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-BCM1 Antibody; Anti-BLAST Antibody; Anti-Blast-1 Antibody; Anti-BLAST1 Antibody; Anti-hCD48 Antibody; Anti-mCD48 Antibody; Anti-MEM-102 Antibody; Anti-SLAMF2 Antibody; CD48 molecule; anti-CD48 antibody

PRODUCT SPECIFICATIONS

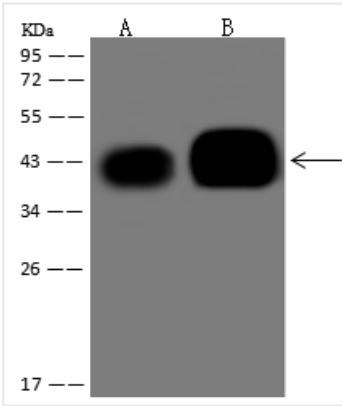
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD48
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CD48 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human CD48 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CD48 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



IHC (Immunohistochemisry)
Immunochemical staining of human CD48 in human lymph node with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohiostchemistry)
Immunochemical staining of human CD48 in human rectum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-CD48 rabbit polyclonal antibody at 1:500 dilutionLane A: Raji Whole Cell LysateLane B: Jurkat Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:28 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CD48 antibody	Background: Cluster of Differentiation 48 (CD48), also known as SLAMF2, BCM-1 and BLAST-1, is a GPI-linked protein belonging to the CD2 subfamily of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. CD48 protein performs biological functions in a variety processes including adhesion, pathogen recognition, cellular activation, and cytokine regulation, and emerges as a critical effector molecule in immune responses.
Product Categories/Family for anti-CD48 antibody	Cancer Drug Targets
References	Messmer B, et al. (2006) CD48 stimulation by 2B4 (CD244)-expressing targets activates human NK cells. J Immunol. 176(8): 4646-50Milstein O, et al. (2008) Nanoscale increases in CD2-CD48-mediated intermembrane spacing decrease adhesion and reorganize the immunological synapse. J Biol Chem. 283(49): 34414-22.

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/polyclonal/cd48-antibody-immunohistochemistry-western-blot-elisa/257753>