

Mouse anti-Rat CD48 Monoclonal Antibody | anti-CD48 antibody

Anti-Rat CD48 Biotin (Clone OX-45) (mouse IgG1)

CATALOG # AAA74157	HOST Mouse	REACTIVITY Rat	APPLICATIONS Immunohistochemistry
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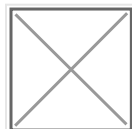
PRODUCT SYNONYMS

CD48; Monoclonal Antibody; Anti-Rat CD48 Biotin (Clone OX-45) (mouse IgG1); CD48 Biotin (Clone OX-45) (mouse IgG1); Biotin Anti-Rat CD48 Monoclonal Antibody; anti-CD48 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	OX-45
Specificity	Rat CD45
Form/Format	Biotin conjugated Ig buffered in PBS, 0.02% NaN3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml (Purified from ascites fluid via Protein G Chromatography).
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	243
Applicable Applications for anti-CD48 antibody	IHC (Immunohistochemistry)
Immunogen	Rat T cell blasts (stimulated purified T helper cells with allogeneic irradiated rat spleen cells)
Donor	BALB/c spleen
Fusion Partner	Myeloma cell line NSO/1
Presentation	Biotin conjugated Ig buffered in PBS, 0.02% NaN3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
Preparation and Storage	Store at 4 degree C. For long term storage, aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD48 antibody	This anti-rat CD45 (Blast-1) monoclonal antibody recognizes a rat cell surface glycoprotein of 45 kDa that is present on a wide variety of hematopoietic cells and on endothelial cells. The antigen is identical to the mouse BCM1 antigen. This antibody inhibits allogeneic mixed lymphocyte reactions using lymph node cells as responders and spleen cells as stimulators. CD48 has recently been identified as a ligand of the NK cell inhibitory receptor CD244. This antibody is suitable for flow cytometry.
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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
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; TCT.1; BCM1 surface antigen; SLAM family member 2; leukocyte antigen MEM-102; B-lymphocyte activation marker BLAST-1; CD48 antigen (B-cell membrane protein); signaling lymphocytic activation molecule 2
UniProt Protein Name	CD48 antigen
UniProt Gene Name	CD48
UniProt Synonym Gene Names	BCM1; BLAST1; SLAMF2
UniProt Entry Name	CD48_HUMAN

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/monoclonal/cd48-antibody-clone-ox-45-immunohistochemistry-elisa/74157>