

Mouse anti-Human CD57 Monoclonal Antibody | anti-CD57 antibody

Anti-Hu CD57 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128974	Mouse	Human	Immunocytochemistry, Immunohistochemistry, Western Blot, Flow Cytometry, Functional Assay

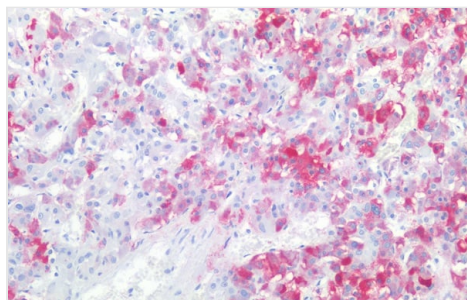
PRODUCT SYNONYMS

CD57; Monoclonal Antibody; Anti-Hu CD57 Purified; beta-1; 3-glucuronyltransferase 1; HNK1; LEU7; 3-O-sulfoglucuronic acid beta1-3 Gal beta1-4 GlcNAc; anti-CD57 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgM
Clone Number	TB01
Specificity	The mouse monoclonal antibody TB01 recognizes CD57, a carbohydrate extracellular antigen present mainly on NK cells, NK T cells, and in neural tissue.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	334
Applicable Applications for anti-CD57 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen	A pool of neuroblastoma cell lines
Preparation and Storage	Store at 2-8 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry staining of human adrenal gland (paraffin-embedded sections) with anti-CD57 (TB01), 10 ug/ml. Commercially tested by LifeSpan BioSciences.

ADDITIONAL INFORMATION

Related Product Information for anti-CD57 antibody	CD57, also known as HNK1 or Leu7, is a sulphated trisaccharide (3-O-sulfoglucuronic acid beta1-3 Gal beta1-4 GlcNAc) attached to several glycoproteins, including CD56, myelin glycoprotein PO, and neural cell adhesion molecule L1, as well as on glycolipids and chondroitin sulphate proteoglycans in the nervous system. It serves as a NK cell marker and it is expressed on well differentiated prostate cancers and uveal and cutaneous melanoma. CD57+ T cells are implicated as suppressors of T-cell responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77695914
NCBI GeneID	27087
NCBI Accession #	NP_061114.2
NCBI GenBank Nucleotide #	NP_061114.2
UniProt Accession #	Q9P2W7
NCBI Official Full Name	galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1 isoform 1
NCBI Official Synonym Full Names	beta-1,3-glucuronyltransferase 1
NCBI Official Symbol	B3GAT1
NCBI Official Synonym Symbols	NK1; CD57; HNK1; LEU7; NK-1; GLCATP; GLCUATP
NCBI Protein Information	galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1
UniProt Protein Name	Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1
UniProt Gene Name	B3GAT1
UniProt Synonym Gene Names	GlcUAT-P

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/cd57-antibody-clone-tb01-immunocytochemistry-immunohistochemistry-western-blot-flow-cytometry-elisa/128974>