

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

Anti-Hu CD57 PE

CATALOG # AAA128976	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD57; Monoclonal Antibody; Anti-Hu CD57 PE; 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	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing Tris buffered saline (TBS) solution with 15 mM sodium azide
Sequence Length	334
Applicable Applications for anti-CD57 antibody	FCM/FACS (Flow Cytometry)
Immunogen	A pool of neuroblastoma cell lines
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd57-antibody-clone-tb01-flow-cytometry-elisa/128976>