

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

Anti-Human CD57 Monoclonal Antibody (PerCP/Cy5.5 Conjugated)

CATALOG # AAA174629	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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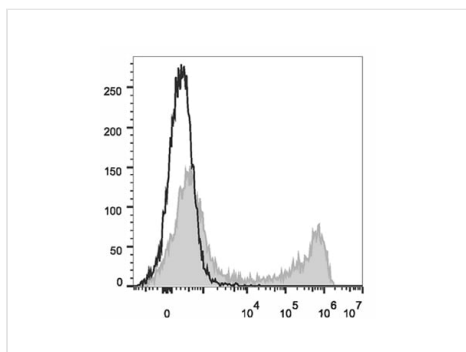
PRODUCT SYNONYMS

CD57; Monoclonal Antibody; Anti-Human CD57 Monoclonal Antibody (PerCP/Cy5.5 Conjugated); Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1; B3GAT1; GlcAT-P; GlcUAT-P; GLCATP; anti-CD57 antibody

PRODUCT SPECIFICATIONS

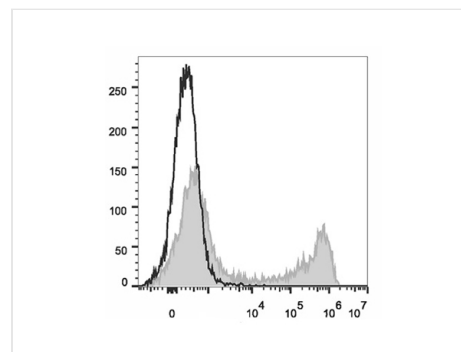
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgM
Clone Number	HNK-1
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	334
Applicable Applications for anti-CD57 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PerCP/Cy5.5
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Human peripheral blood lymphocytes are stained with Anti-Human CD57 Monoclonal Antibody(PerCP/Cy5.5 Conjugated)(filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.



FCM/FACS (Flow Cytometry)

Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD57 antibody	CD57, also known as HNK-1, NK-1, and Leu-7 is a 100-115 kD oligosaccharide antigenic determinant expressed on a variety of proteins, lipids, and chondroitin sulfate proteoglycans. CD57 is expressed on a subset of peripheral blood lymphocytes, including NK cells and CD8+ T cells, and is also expressed on neural cells and striated muscle. CD57 is not expressed on red blood cells, granulocytes, monocytes, or platelets. While the function of CD57 is unknown, binding to L-selectin, P-selectin, and a fragment of laminin suggests that CD57 may be involved in cell-matrix interactions. CD57 is increased in some disease states associated with CD4/CD8 imbalances (AIDS, autoimmune disease, viral infections, and allograft transplants).
References	1. Schubert J, et al. 1989. In Leucocyte Typing IV (Knapp W, ed) Oxford University Press Oxford pp 711-714. 2. Palmer BE, et al. 2005. J. Immunol. 175:8415. 3. Schachner M, et al. 1995. Trends Neurosci. 18:183. 4. Wood KL, et al. 2005. Clin. Immunol. 117:294.

NCBI AND UNIPROT INFORMATION

NCBI GI #	77695914
NCBI GeneID	27087
NCBI Accession #	NP_061114.2
NCBI GenBank Nucleotide #	NM_018644.3
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-hnk-1-flow-cytometry-elisa/174629>