

Product datasheet for **AP50325PU-N**

CD57 (B3GAT1) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/100 - 1/500. Flow Cytometry: 1/10 - 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 21~48 amino acids from the N-terminal region of Human B3GAT1
Specificity:	This antibody reacts to CD57.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	beta-1,3-glucuronyltransferase 1
Database Link:	Entrez Gene 27087 Human Q9P2W7



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Background:

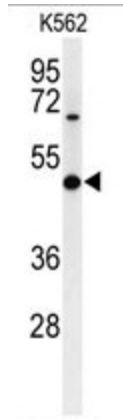
The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD57 and LEU7).

Synonyms:

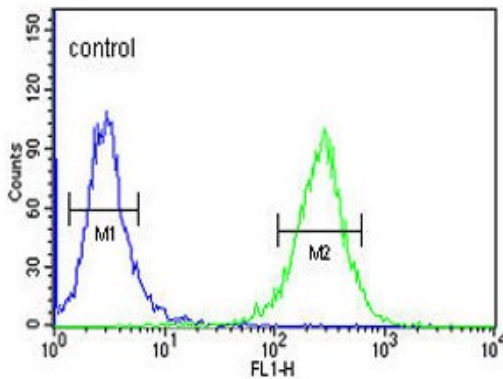
HNK-1, LEU7, NK-1, NK-Cell marker, NK1

Note:

Molecular Weight: 38256 Da

Product images:


Western blot analysis of B3GAT1 Antibody (N-term) in K562 cell line lysates (35ug/lane). B3GAT1 (arrow) was detected using the purified Pab.

K562


B3GAT1 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.