

B3GAT1 rabbit monoclonal antibody

Catalog # H00027087-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human B3GAT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human B3GAT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human B3GAT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — B3GAT1

Entrez GeneID	27087
GeneBank Accession#	B3GAT1
Gene Name	B3GAT1
Gene Alias	CD57, GLCATP, GlcAT-P, GlcUAT-P, HNK-1, HNK1, LEU7, NK-1
Gene Description	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P)
Omim ID	151290
Gene Ontology	Hyperlink
Gene Summary	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 CD 57 and LEU7). Alternate transcriptional splice variants have been characterized. [provided by Ref Seq]
Other Designations	CD57 antigen LEU7 antigen UDP-GlcUA:glycoprotein beta-1,3-glucuronyltransferase beta-1,3-glucuronyltransferase 1 galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1 glucuronosyltransferase P

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)