B4GAT1 rabbit monoclonal antibody

Catalog # H00011041-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human B4GAT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human B4GAT1 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 B4GAT1 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — B4GAT1

Entrez GeneID	11041
GeneBank Accession#	B4GAT1
Gene Name	B4GAT1
Gene Alias	B3GN-T1, B3GNT6, BETA3GNTl, iGAT, iGNT
Gene Description	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1
Omim ID	605517
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It is essential for the synthesis of poly-N-acetyllactosamine, a determinant for the blood group i antigen. [provided by RefSeq
Other Designations	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6|beta-1,3-N-acetylglucosaminyltransferase bGnT-6|i-beta-1,3-N-acetylglucosaminyltransferase

Pathway

- Glycosphingolipid biosynthesis - lacto and neolacto series
- Keratan sulfate biosynthesis
- Metabolic pathways