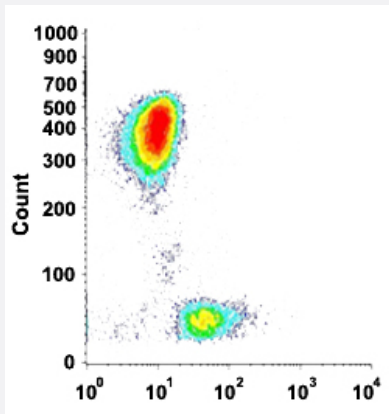


B3GAT1 monoclonal antibody, clone HI57a

Catalog # MAB13948 Size 100 ug

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with B3GAT1 monoclonal antibody, clone HI57a (Cat # MAB13948).

Specification

Product Description	Mouse monoclonal antibody raised against human B3GAT1.
Immunogen	Human neuroblastoma cells.
Host	Mouse
Theoretical MW (kDa)	110
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Purity	>90%
Isotype	IgM
Recommend Usage	Flow Cytometry (20 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with B3GAT1 monoclonal antibody, clone HI57a (Cat # MAB13948).

Gene Info — B3GAT1

Entrez GeneID	27087
Protein Accession#	Q96E93
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 RefSeq]
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](#)