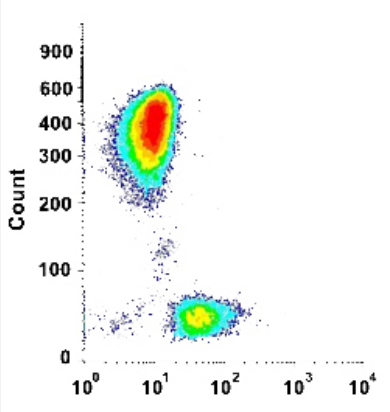
B3GAT1 monoclonal antibody, clone HI57a (FITC)

Catalog # MAB13949 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human normal whole blood with B3GAT1 monoclonal antibody, clone HI57a (FITC) (Cat # MAB13949).

Specification

Product Description	Mouse monoclonal antibody raised against human B3GAT1.
Immunogen	Human neuroblastoma cells.
Host	Mouse
Theoretical MW (kDa)	110
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A/G purification
Purity	>90%
Isotype	IgM

Recommend Usage	Flow Cytometry (20 uL/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 shoul d be handled by trained staff only.

Applications

- Flow Cytometry

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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 en zymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anom eric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction duri ng 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-glu curonyltransferase 1|galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1|glucuron osyltransferase P

Pathway

- Chondroitin sulfate biosynthesis
- Heparan sulfate biosynthesis
- Metabolic pathways