

Product Name: B3GAT1 Mouse Monoclonal Antibody**Catalog #: AMM81714**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	38.2kDa

Antigen Information

Gene Name	B3GAT1
Alternative Names	NK1; CD57; HNK1; LEU7; NK-1; GLCATP; GLCUATP
Gene ID	27087.0
SwissProt ID	Q9P2W7
Immunogen	Purified recombinant fragment of human B3GAT1 (AA: 193-334) expressed in E. Coli.

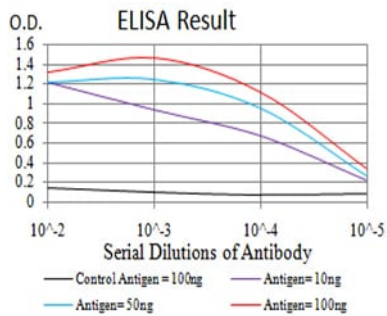
Background

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,

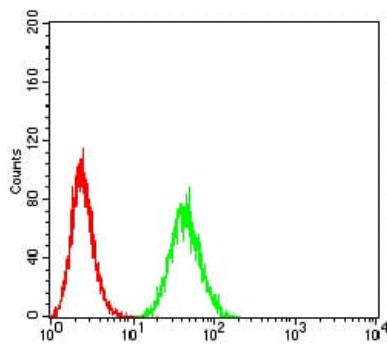
also known as CD57 and LEU7). Alternate transcriptional splice variants have been characterized.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of Hela cells using B3GAT1 mouse mAb (green) and negative control (red).