
Product Name: CD57 Mouse Monoclonal Antibody**Catalog #: AMM82104**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human,Mouse,Rat,Monkey
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	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	38.3kDa

Antigen Information

Gene Name	CD57
Alternative Names	B3GAT1; NK1; HNK1; LEU7; NK-1; GLCATP; GLCUATP
Gene ID	27087.0
SwissProt ID	Q9P2W7
Immunogen	Purified recombinant fragment of human CD57 (AA: 35-191) expressed in E. Coli.

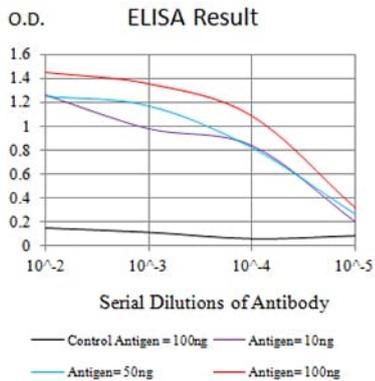
Background

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,

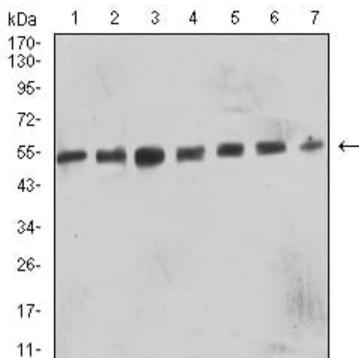
also known as CD57 and LEU7). Alternate transcriptional splice variants have been characterized.

Research Area

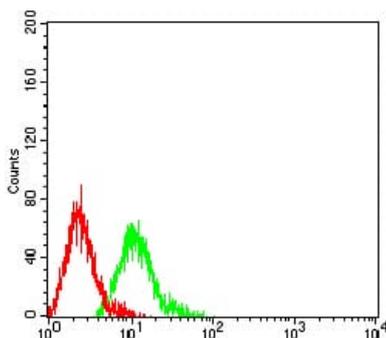
Image Data



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



Western blot analysis using CD57 mouse mAb against SK-N-SH (1), SH-SY5Y (2), C6 (3), HL-60 (4), COS7 (5), Hela (6), and NIH/3T3 (7) cell lysate.



Flow cytometric analysis of HL-60 cells using CD57 mouse mAb (green) and negative control (red).