Product Name: CD57 Mouse Monoclonal Antibody
Catalog #: AMM82525

Summary

Production Name	CD57 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CD57
Alternative Names	NK1; CD57; HNK1; LEU7; NK-1; GLCATP; GLCUATP
Gene ID	27087.0
SwissProt ID	Q9P2W7.Purified recombinant fragment of human CD57 (AA: 28-334) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	38.2kDa

Background

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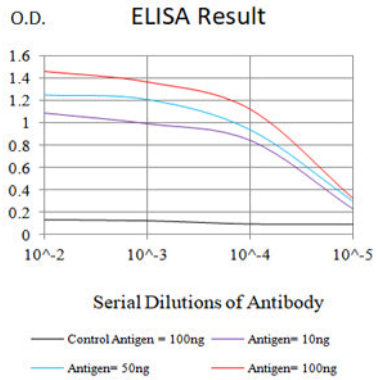
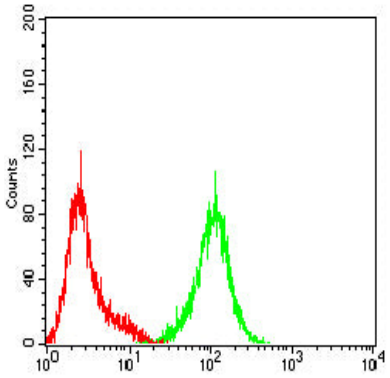
The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD57 and LEU7). Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]

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 CD57 mouse mAb (green) and negative control (red).

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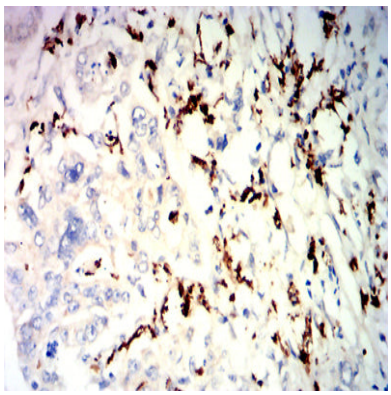
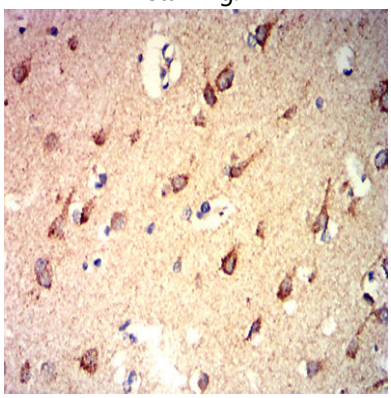


Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using CD57 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human brain tissues using CD57 mouse mAb with DAB staining.

Note

For research use only.