

CD57 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2100
Host	Mouse
Isotype	Mouse IgG2b
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human CD57 (AA: 28-334) expressed in E. Coli.
Mol wt	38.2kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	NK1;CD57;HNK1;LEU7;NK-1;GLCATP;GLCUATP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. [provided by RefSeq, Jul 2008]

Recommended Dilution

WB: 1:500 - 1:2000

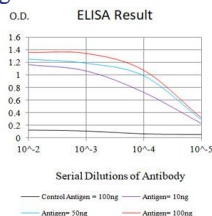
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

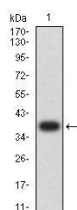
ELISA: 1:10000

Not yet tested in other applications.

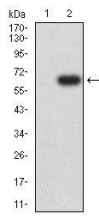
Images



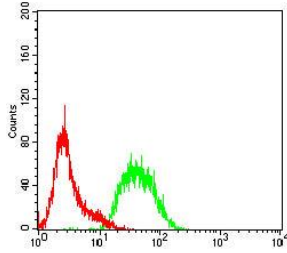
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



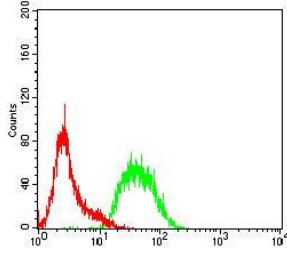
Western blot analysis using CD57 mAb against human CD57 (AA: 28-334) recombinant protein. (Expected MW is 37.9kDa)



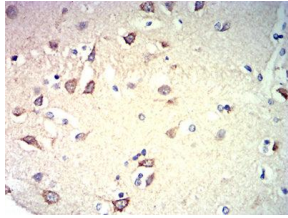
Western blot analysis using CD57 mAb against HEK293-6e (1) and CD57 (AA: 28-334)-hIgGFc transfected HEK293-6e (2) cell lysate.



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



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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