

CD57 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3622
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

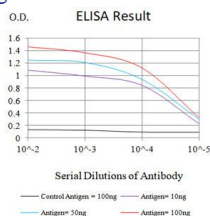
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

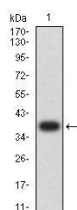
ELISA: 1:10000

Not yet tested in other applications.

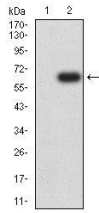
Images



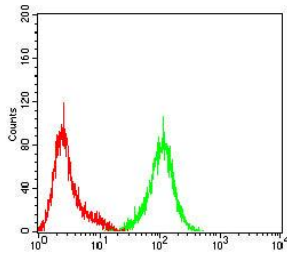
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



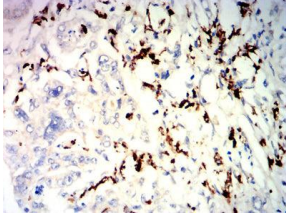
Western blot analysis using CD57 mAb against human CD57 (AA: 28-334) recombinant protein. (Expected MW is 37.9kDa)



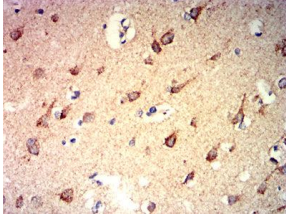
Western blot analysis using CD57 mAb against HEK293-6e (1) and CD57 (AA: 28-334)-hIgGFc transfected HEK293-6e (2) cell lysate.



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



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



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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