

CD57 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4608
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD57 (AA: 35-191) expressed in E. Coli.
Mol wt	38.3kDa
Species reactivity	Human,Mouse,Rat,Monkey
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	B3GAT1;NK1;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.

Recommended Dilution

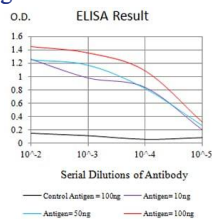
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

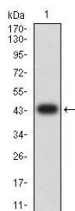
ELISA: 1:10000

Not yet tested in other applications.

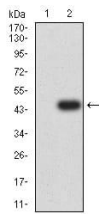
Images



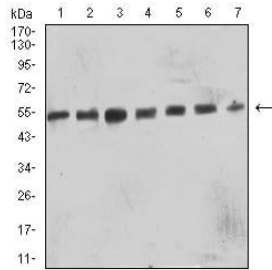
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



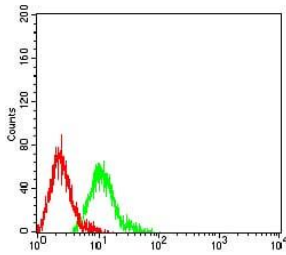
Western blot analysis using CD57 mAb against human CD57 (AA: 35-191) recombinant protein. (Expected MW is 44 kDa)



Western blot analysis using CD57 mAb against HEK293 (1) and CD57 (AA: 35-191)-hIgGFc transfected HEK293 (2) cell lysate.



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).

Storage

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

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