

CD301 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2579
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD301 (AA: extra 158-316) expressed in E. Coli.
Mol wt	35.4kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	CLEC10A;HML;MGL;HML2;CLECSF13;CLECSF14

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

Background

This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may function as a cell surface antigen. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Recommended Dilution

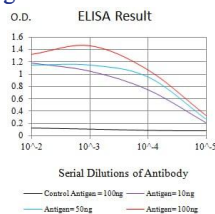
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

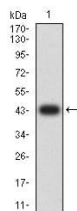
ELISA: 1:10000

Not yet tested in other applications.

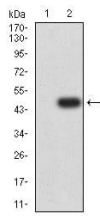
Images



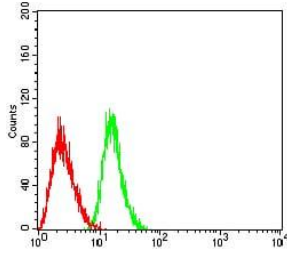
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD301 mAb against human CD301 (AA: extra 158-316) recombinant protein. (Expected MW is 44 kDa)



Western blot analysis using CD301 mAb against HEK293 (1) and CD301 (AA: extra 158-316)-hlgGfc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CD301 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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