

CD34 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4041
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD34 (AA: extra 32-290) expressed in E. Coli.
Mol wt	40.7kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	N/A

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

Background

The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

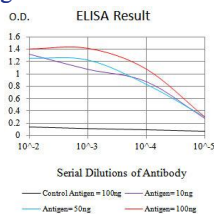
WB: 1:500 - 1:2000

FCM: 1:200-1:400

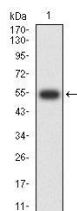
ELISA: 1:10000

Not yet tested in other applications.

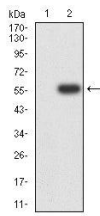
Images



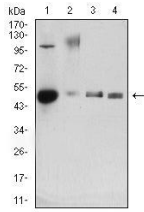
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



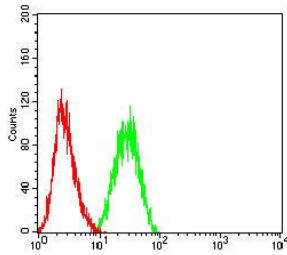
Western blot analysis using CD34 mAb against human CD34 (AA: extra 32-290) recombinant protein. (Expected MW is 53.3 kDa)



Western blot analysis using CD34 mAb against HEK293-6e (1) and CD34 (AA: extra 32-290)-hlgGFc transfected HEK293-6e (2) cell lysate.



Western blot analysis using CD34 mouse mAb against mouse lung (1), rat lung (2), mouse kidney (3), and rat kidney (4) tissue lysate.



Flow cytometric analysis of THP-1 cells using CD34 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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