

CD96 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3133
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD96 (AA: extra 321-519) expressed in E. Coli.
Mol wt	65.6kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	TACTILE

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

Background

The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing generates multiple transcript variants encoding distinct isoforms.

Recommended Dilution

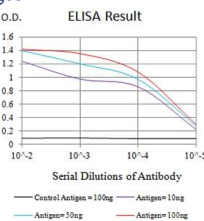
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

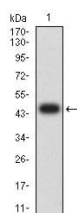
ELISA: 1:10000

Not yet tested in other applications.

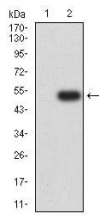
Images



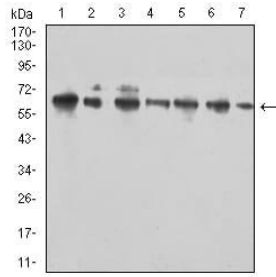
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



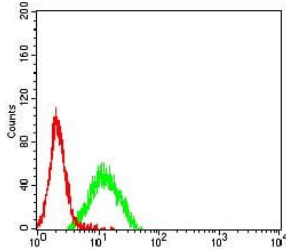
Western blot analysis using CD96 mAb against human CD96 (AA: extra 321-519) recombinant protein. (Expected MW is 47.1 kDa)



Western blot analysis using CD96 mAb against HEK293 (1) and CD96 (AA: extra 321-519)-hIgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using CD96 mouse mAb against HeLa (1), Jurkat (2), MOLT4 (3), Raji (4), HL-60 (5), U937 (6), and C6 (7) cell lysate.



Flow cytometric analysis of K562 cells using CD96 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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