

CD303 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4496
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD303 (AA: extra 45-213) expressed in E. Coli.
Mol wt	25kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	CLEC4C;DLEC;HECL;BDCA2;BDCA-2;CLECSF7;CLECSF11;PRO34150

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 play a role in dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene.

Recommended Dilution

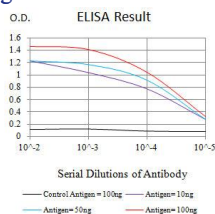
WB: 1:500 - 1:2000

FCM: 1:200-1:400

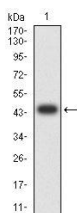
ELISA: 1:10000

Not yet tested in other applications.

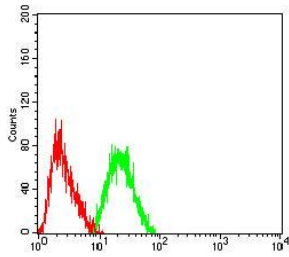
Images



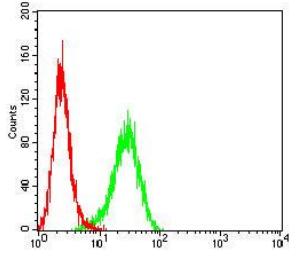
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using CD303 mAb against human CD303 (AA: extra 45-213) recombinant protein. (Expected MW is 46 kDa)



Flow cytometric analysis of Jurkat cells using CD303 mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using CD303 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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