

CD339 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4493
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD339 (AA: extra 47-212) expressed in E. Coli.
Mol wt	133.8kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	JAG1;AGS;AHD;AWS;HJ1;AGS1;JAGL1

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

Background

The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophila jagged receptor notch. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis.

Recommended Dilution

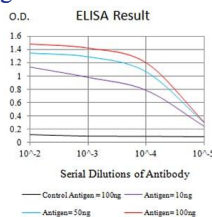
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

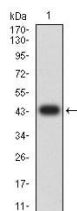
ELISA: 1:10000

Not yet tested in other applications.

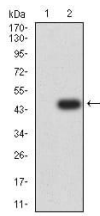
Images



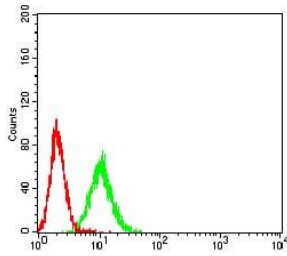
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using CD339 mAb against human CD339 (AA: extra 47-212) recombinant protein. (Expected MW is 44.6 kDa)



Western blot analysis using CD339 mAb against HEK293 (1) and CD339 (AA: extra 47-212)-hlgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of K562 cells using CD339 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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