

CD354 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3119
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD354 (AA: extra 21-205) expressed in E. Coli.
Mol wt	26.4kDa
Species reactivity	Human,Rat,Monkey
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	TREM1;TREM-1

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

Background

This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Recommended Dilution

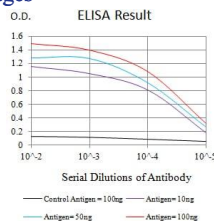
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

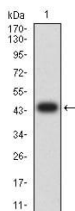
ELISA: 1:10000

Not yet tested in other applications.

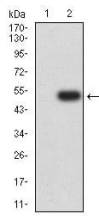
Images



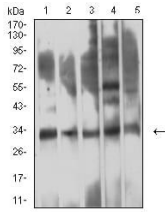
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



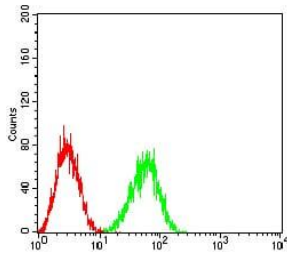
Western blot analysis using CD354 mAb against human CD354 (AA: extra 21-205) recombinant protein. (Expected MW is 46.8 kDa)



Western blot analysis using CD354 mAb against HEK293 (1) and CD354 (AA: extra 21-205)-hlgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using CD354 mouse mAb against HepG2 (1), COS7 (2), A549 (3), SPC-A-1 (4), and C6 (5) cell lysate.



Flow cytometric analysis of HL-60 cells using CD354 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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