
Product Name: CD354 Mouse Monoclonal Antibody**Catalog #: AMM82144**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human,Rat,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	26.4kDa

Antigen Information

Gene Name	CD354
Alternative Names	TREM1; TREM-1
Gene ID	54210.0
SwissProt ID	Q9NP99
Immunogen	Purified recombinant fragment of human CD354 (AA: extra 21-205) expressed in E. Coli.

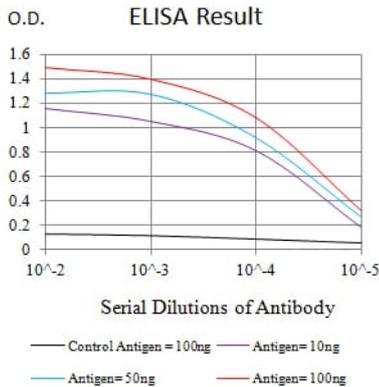
Background

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

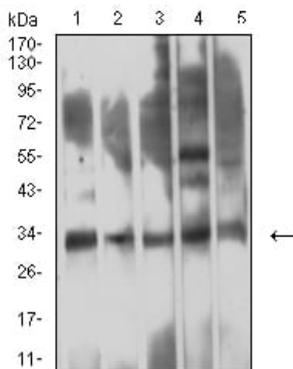
spliced transcript variants encoding different isoforms have been noted for this gene.

Research Area

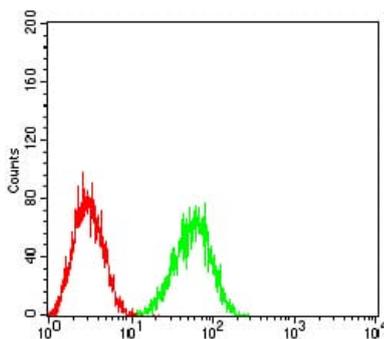
Image Data



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 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).