

CD337 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4347
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human CD337 (AA: extra 19-135) expressed in HEK293-6e cells supernatant.
Mol wt	21.5kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	NCR3;1C7;MALS;LY117;NKp30

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

Background

The protein encoded by this gene is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria susceptibility. Three transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

WB: 1:500 - 1:2000

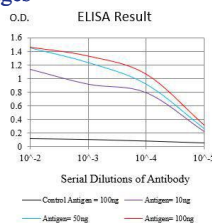
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

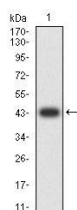
ELISA: 1:10000

Not yet tested in other applications.

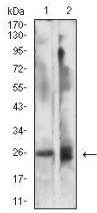
Images



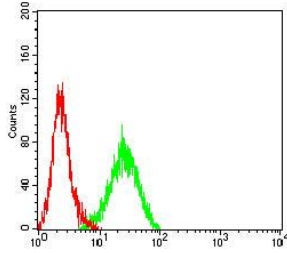
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



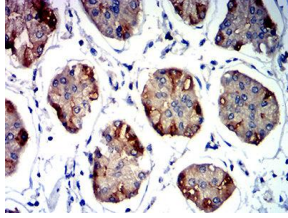
Western blot analysis using CD337 mAb against human CD337 (AA: extra 19-135) recombinant protein. (Expected MW is 43.4 kDa)



Western blot analysis using CD337 mouse mAb against rat liver (1) and mouse liver (2) cell lysate.



Flow cytometric analysis of K562 cells using CD337 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded stomach tissues using CD337 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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