

CD258 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4698
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD258 (AA: extra 59-240) expressed in E. Coli.
Mol wt	26.4kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	TNFSF14;LTg;HVEM;LIGHT

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 member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported.

Recommended Dilution

WB: 1:500 - 1:2000

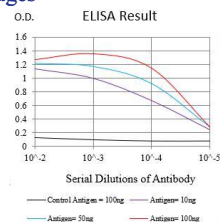
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

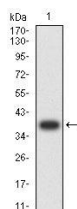
ELISA: 1:10000

Not yet tested in other applications.

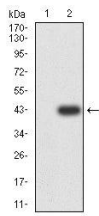
Images



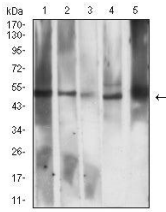
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



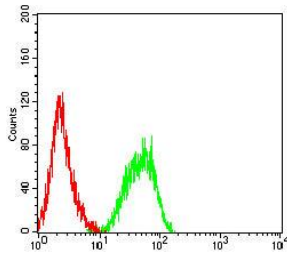
Western blot analysis using CD258 mAb against human CD258 (AA: extra 59-240) recombinant protein. (Expected MW is 46 kDa)



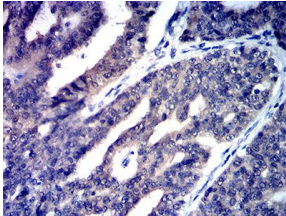
Western blot analysis using CD258 mAb against HEK293-6e (1) and CD258 (AA: extra 59-240)-hlgGFc transfected HEK293-6e (2) cell lysate.



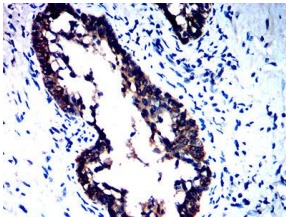
Western blot analysis using CD258 mouse mAb against Raji (1), L-02 (2), A549 (3), HeLa (4) cell lysate, and mouse heart (5) tissues lysate.



Flow cytometric analysis of HL-60 cells using CD258 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using CD258 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded prostate cancer tissues using CD258 mouse mAb with DAB staining.

Storage

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

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