

TIGIT Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2084
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human TIGIT (AA: extra 22-141) expressed in E. Coli.
Mol wt	26.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	VSIG9;VSTM3;WUCAM

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

Background

This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.

Recommended Dilution

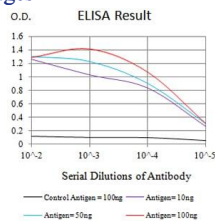
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

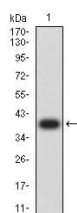
ELISA: 1:10000

Not yet tested in other applications.

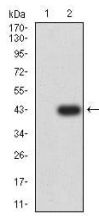
Images



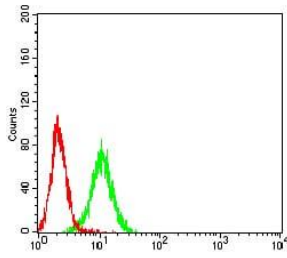
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using TIGIT mAb against human TIGIT (AA: extra 22-141) recombinant protein. (Expected MW is 39 kDa)



Western blot analysis using TIGIT mAb against HEK293 (1) and TIGIT (AA: extra 22-141)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of K562 cells using TIGIT 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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