

TRIB2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4555
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human TRIB2 (AA: 1-200) expressed in E. Coli.
Mol wt	38.8kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	C5FW;TRB2;GS3955

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

Background

This gene encodes one of three members of the Tribbles family. The Tribbles members share a Trb domain, which is homologous to protein serine-threonine kinases, but lacks the active site lysine and probably lacks a catalytic function. The Tribbles proteins interact and modulate the activity of signal transduction pathways in a number of physiological and pathological processes. This Tribbles member induces apoptosis of cells mainly of the hematopoietic origin. It has been identified as a protein up-regulated by inflammatory stimuli in myeloid (THP-1) cells, and also as an oncogene that inactivates the transcription factor C/EBPalpha (CCAAT/enhancer-binding protein alpha) and causes acute myelogenous leukemia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2009]

Recommended Dilution

WB: 1:500 - 1:2000

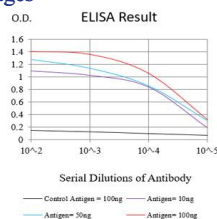
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

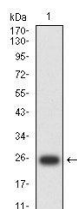
ELISA: 1:10000

Not yet tested in other applications.

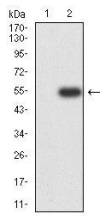
Images



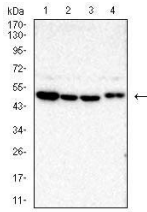
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



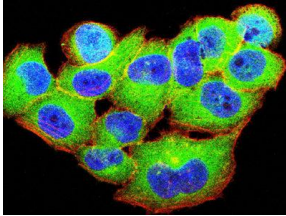
Western blot analysis using TRIB2 mAb against human TRIB2 (AA:1-200) recombinant protein. (Expected MW is 25.7 kDa)



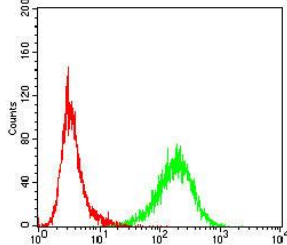
Western blot analysis using TRIB2 mAb against HEK293 (1) and TRIB2 (AA:1-200)-hlgGFc transfected HEK293 (2) cell lysate.



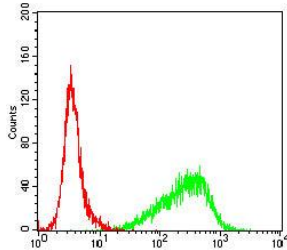
Western blot analysis using TRIB2 mouse mAb against Jurkat (1), MCF-7 (2), SW480 (3), and A375 (4) cell lysate.



Immunofluorescence analysis of HeLa cells using TRIB2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of Jurkat cells using TRIB2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of K562 cells using TRIB2 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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