

TNFRSF1A Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3946
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human TNFRSF1A (AA: extra 30-211) expressed in E. Coli.
Mol wt	51KDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	FPF;p55;p60;TBP1;TNF-R;TNFAR;TNFR1;p55-R;CD120a;TNFR55;TNFR60;TNF-R-I;TNF-R55

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

Background

This gene encodes a member of the TNF receptor superfamily of proteins. The encoded receptor is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, tumor necrosis factor alpha. Binding of membrane-bound tumor necrosis factor alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free tumor necrosis factor alpha to inhibit inflammation. Mutations in this gene underlie tumor necrosis factor receptor-associated periodic syndrome (TRAPS), characterized by fever, abdominal pain and other features. Mutations in this gene may also be associated with multiple sclerosis in human patients.

Recommended Dilution

WB: 1:500 - 1:2000

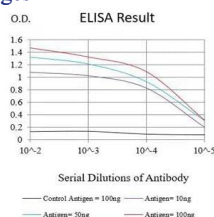
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

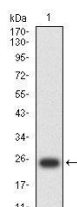
ELISA: 1:10000

Not yet tested in other applications.

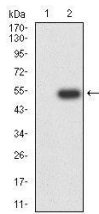
Images



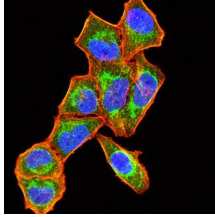
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



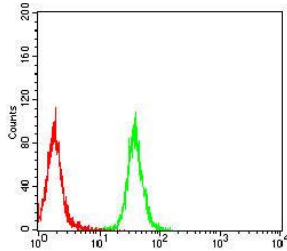
Western blot analysis using TNFRSF1A mAb against human TNFRSF1A (AA: extra30-211) recombinant protein. (Expected MW is 23.4 kDa)



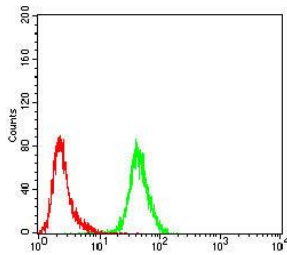
Western blot analysis using TNFRSF1A mAb against HEK293-6e (1) and TNFRSF1A (AA: extra 30-211)-hIgGFc transfected HEK293-6e (2) cell lysate.



Immunofluorescence analysis of HeLa cells using TNFRSF1A 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 THP-1 cells using TNFRSF1A mouse mAb (green) and negative control (red).



Flow cytometric analysis of Jurkat cells using TNFRSF1A mouse mAb (green) and negative control (red).

Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com