

Product Name: TNFSF13B Mouse Monoclonal Antibody**Catalog #: AMM81870**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	31.2kDa

Antigen Information

Gene Name	TNFSF13B
Alternative Names	DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNLG7A; TNFSF20
Gene ID	10673.0
SwissProt ID	Q9Y275
Immunogen	Purified recombinant fragment of human TNFSF13B (AA: 116-278) expressed in E. Coli.

Background

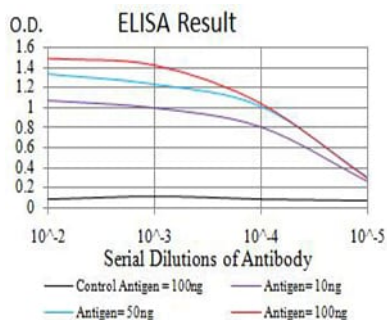
The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and

differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

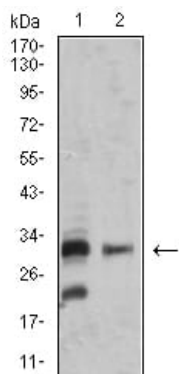
Research Area

TGF-beta signaling pathway

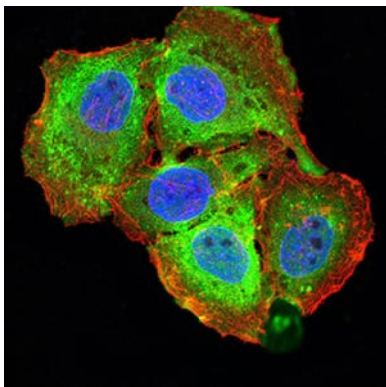
Image Data



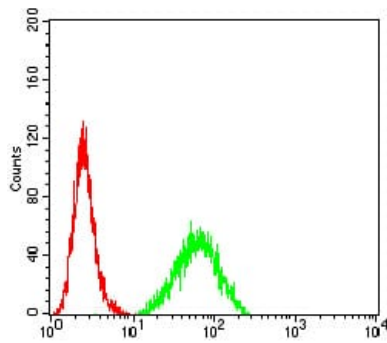
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using TNFSF13B mouse mAb against SK-N-SH (1) and MOLT4 (2) cell lysate.



Immunofluorescence analysis of SMMC-7721 cells using TNFSF13B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HeLa cells using TNFSF13B mouse mAb (green) and negative control (red).