

Anti-GITRL TNFSF18 Antibody

Catalog Number: A04408

About TNFSF18

The tumor necrosis factor (TNF) and TNF receptor (TNFR) gene superfamilies regulate numerous biological functions including cell proliferation, differentiation, and survival through regulating the activation of the transcription factor NF-kappaB and various mitogen-activated protein kinases. The glucocorticoid-induced tumor necrosis factor receptor (GITR) is an emerging member of this family that is expressed on CD4+ CD25+ regulatory T cells and appears to have crucial immune regulation functions. Its ligand GITRL is expressed in endothelial and antigen-presenting cells and can activate NF-kappaB, induce both pro- and anti-apoptotic effects, inhibit the suppressive activity of regulatory T cells, and co-stimulate responder T cells through GITR. Dominant negative forms of NIK and TRAF2 expressed in transfected 293 cells substantially inhibited NF-kappaB activation, suggesting that the GITRL-GITR pathway involves both NIK and TRAF2.

Overview

Product Name	Anti-GITRL TNFSF18 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-GITRL TNFSF18 Antibody (Catalog # A04408). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	GITRL Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	GITRL antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9UNG2

Technical Details

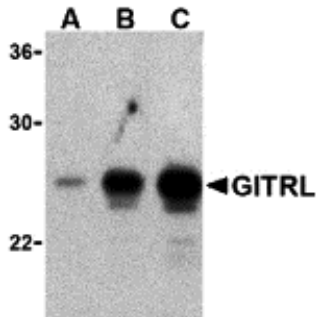
Immunogen	GITRL antibody was raised against purified recombinant human GITR ligand.
Predicted Reactive Species	Mouse, Rat
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	GITRL Antibody is Protein A purified.

Suggested Dilutions

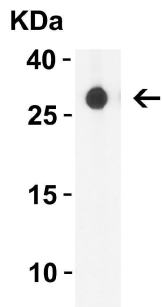
WB: 1-4 ug/mL

Antibody validated: Western Blot in human and mouse samples. All other applications and species not yet tested.

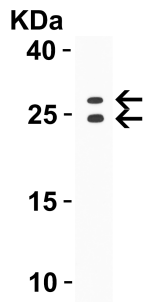
Anti-GITRL TNFSF18 Antibody (A04408) Images



WB Validation with Recombinant Protein Loading: GITRL recombinant protein lysate Antibodies: GITRL, A04408, 1 ug/mL , 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution. Lane A: 5 ng GITRL Protein Lane B: 25 ng GITRL Protein Lane C: 50 ng GITRL Protein



WB Validation in Human Pancreas Loading: 10 ug of lysate Antibodies: GITRL, A04408, 4 ug/mL , 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.



WB Validation in Mouse Spleen Loading: 10 ug of lysate Antibodies: GITRL, A04408, 4 ug/mL , 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10000 dilution.

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