

Rabbit anti-Human, Mouse GITRL Polyclonal Antibody | anti-TNFSF18 antibody

GITRL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39866	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

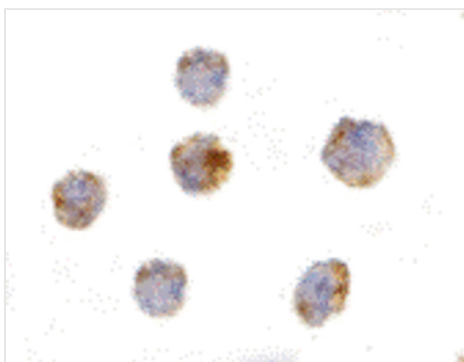
PRODUCT SYNONYMS

GITRL; Polyclonal Antibody; GITRL Antibody; TL6; AITRL; hGITRL; UNQ149/PRO175; Tumor necrosis factor ligand superfamily member 18; Activation-inducible TNF-related ligand; tumor necrosis factor (ligand) superfamily; member 18; anti-TNFSF18 antibody

PRODUCT SPECIFICATIONS

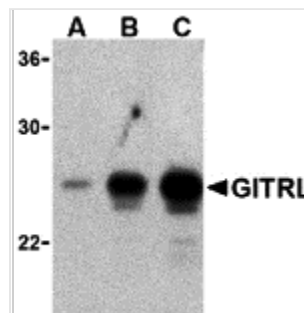
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	GITRL Antibody is Protein A purified.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	177
Applicable Applications for anti-TNFSF18 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	GITRL antibody was raised against purified recombinant human GITR ligand.
Buffer	GITRL Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GITRL antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of GITRL in THP-1 cells with GITRL antibody at 10 µg/mL.



WB (Western Blot)

Western blot analysis of (A) 5 ng, (B) 25 ng, and (C) 50 ng of purified recombinant GITRL with ITRL antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFSF18 antibody	GITRL Antibody: 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- κ B 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- κ B, 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- κ B activation, suggesting that the GITRL-GITR pathway involves both NIK and TRAF2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13124621
NCBI GeneID	8995
UniProt Accession #	Q9UNG2; O95852; Q6ISV1; A9IQG8
Molecular Weight	22,724 Da
NCBI Official Full Name	Tumor necrosis factor ligand superfamily member 18
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 18
NCBI Official Symbol	TNFSF18
NCBI Official Synonym Symbols	TL6; AITRL; GITRL; hGITRL
NCBI Protein Information	tumor necrosis factor ligand superfamily member 18; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced TNFR-related protein ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 18
UniProt Gene Name	TNFSF18
UniProt Synonym Gene Names	AITRL; GITRL; TL6; AITRL; hGITRL
UniProt Entry Name	TNF18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.