

ARG45132 anti-TNFSF18 / GITRL antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TNFSF18 / GITRL
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	TNFSF18 / GITRL
Species	Human
Immunogen	Recombinant protein containing to human TNFSF18.
Conjugation	Un-conjugated
Alternate Names	TNFSF18; TNF superfamily member 18; Tumor necrosis factor ligand superfamily member 18; Activation-inducible TNF-related ligand; AITRL; Glucocorticoid-induced TNF-related ligand; hGITRL; TNFSF18; AITRL; GITRL; TL6; UNQ149/PRO175; _x000D_ Tumor Necrosis Factor Ligand 2A; AITR Ligand; GITR Ligand; TNLG2A

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	15 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

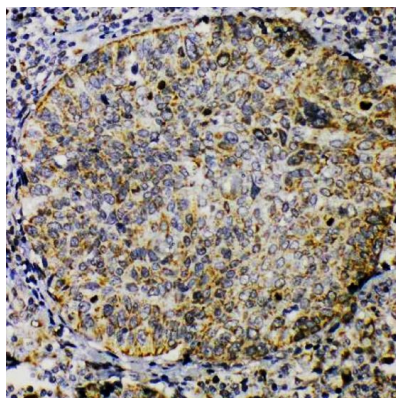
before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

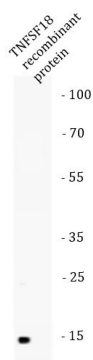
Gene Symbol	TNFSF18
Gene Full Name	TNF superfamily member 18
Background	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells. [provided by RefSeq, Jul 2008]
Function	Cytokine that binds to TNFRSF18/AITR/GITR. Regulates T-cell responses. Can function as costimulator and lower the threshold for T-cell activation and T-cell proliferation. Important for interactions between activated T-lymphocytes and endothelial cells. Mediates activation of NF-kappa-B. Triggers increased phosphorylation of STAT1 and up-regulates expression of VCAM1 and ICAM1. [UniProt]
Calculated Mw	20 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Cell membrane. [UniProt]

Images



ARG45132 anti-TNFSF18 / GITRL antibody IHC-P image

Immunohistochemistry: Human lung cancer stained with ARG45132 anti-TNFSF18 / GITRL antibody at 1 µg/ml dilution.



ARG45132 anti-TNFSF18 / GITRL antibody WB image

Western blot: TNFSF18 recombinant protein stained with ARG45132 anti-TNFSF18 / GITRL antibody at 0.5 µg/ml dilution.