

**GITR / TNFSF18 Polyclonal Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11779****Specification**

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**GITR / TNFSF18 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9UNG2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20308

**GITR / TNFSF18 Polyclonal Antibody - Additional Information****Gene ID** 8995

Positive Control	WB
Application & Usage	WB: 1:1000
Alias Symbol	TNFRSF18

**Other Names**

Tumor necrosis factor ligand superfamily member 18, Activation-inducible TNF-related ligand, AITRL, Glucocorticoid-induced TNF-related ligand, hGITRL, TNFSF18, AITRL, GITRL, TL6

**Appearance**

Colorless liquid

**Formulation**

PBS with 0.09% (W/V) sodium azide.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

GITR / TNFSF18 Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**GITR / TNFSF18 Polyclonal Antibody - Protein Information**

**Name** TNFSF18 ([HGNC:11932](#))

**Synonyms** AITRL, GITRL, TL6

**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 (PubMed:<a href="http://www.uniprot.org/citations/23892569" target="\_blank">23892569</a>). Promotes leukocyte adhesion to endothelial cells (PubMed:<a href="http://www.uniprot.org/citations/23892569" target="\_blank">23892569</a>). Regulates migration of monocytes from the splenic reservoir to sites of inflammation (By similarity).

**Cellular Location**

Cell membrane; Single-pass type II membrane protein

**Tissue Location**

Expressed at high levels in the small intestine, ovary, testis, kidney and endothelial cells

**GITR / TNFSF18 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**GITR / TNFSF18 Polyclonal Antibody - Images****GITR / TNFSF18 Polyclonal Antibody - 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.