

Anti-TNFSF18 / GITRL Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18501

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UNG2
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20308
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	8995
Alias Symbol	TNFSF18
Other Names	TNFSF18, AITR ligand, AITRL, GITR ligand, GITRL, HGITRL, TL6
Target/Specificity	Recognizes human GITRL. Detects a band of ~15-17kDa by Western blot. Does not cross-react with mouse GITRL.
Reconstitution & Storage	Protein A purified
Precautions	Anti-TNFSF18 / GITRL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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: 23892569). Promotes leukocyte adhesion to endothelial cells (PubMed: 23892569). 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.