



# Anti-Human TNFSF18 (GITR Ligand) (#4T16)

20230310DS



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>101-M845</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of TNFSF18 extracellular domain (also called GITR ligand).

## Target Background

<b>Synonyms (Target):</b>	TNFSF18; TL6; AITRL; GITRL; hGITRL
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GITR Ligand (GITRL) is a member of the TNF superfamily and has been designated TNFSF18. The carboxy-terminal extracellular domain shows sequence similarity to TNF-alpha/TNFSF1A, Fas Ligand/TNFSF6, TRAIL/TNFSF10, and TNF-beta/TNFSF1B. GITRL is constitutively expressed in human umbilical vein endothelial cells but is not expressed in resting or stimulated T cell lines, B cell lines or peripheral blood mononuclear cells.

## Database References Target

<b>Protein RefSeq:</b>	NP_005083.2
<b>Uniprot ID:</b>	Q9UNG2
<b>mRNA RefSeq:</b>	NM_005092.3

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#4T16)
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	Human recombinant TNFSF18 (GITR Ligand)
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS

## Application/Handling

**Reconstitution:** Centrifuge vial prior to opening. Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20°C for at least for six months without detectable loss of activity.



**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

FC, N, Capture Ab

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**