



Anti-Mouse TNFSF18 (#12D23)

20230310DS



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	103-M562
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 rat immunized with mouse recombinant protein TNFSF18).

Target Background

Synonyms (Target):	Activation-inducible TNF-related ligand, GITR Ligand, GITRL, Glucocorticoid-induced TNF-related ligand, TNFSF18, tumor necrosis factor (ligand) superfamily member 18
---------------------------	---

Tumor necrosis factor ligand superfamily member 18 is a protein that in humans is encoded by the TNFSF18 gene. 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.

Database References Target

Protein RefSeq:	NP_899247.3
Uniprot ID:	Q7TS55
mRNA RefSeq:	NM_183391.3

Product Specifications

Host	Rat
Clonality	Monoclonal Antibody
Clone	(#12D23)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Mouse recombinant protein TNFSF18
Formulation	lyophilized
Reconstitution buffer	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 -20°C. Reconstituted antibody can be aliquoted and stored frozen at < -20°C for at least six months without detectable loss of activity.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

E, N/B

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