



20150217ML

Anti-Human TNFRSF18 (#7R12)

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

Cat.-no.:	101-M659
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 TNFRSF18 extracellular domain (also called GITR).

Target Background

Synonyms (Target):	TNFRSF18; AITR; GITR; CD357; GITR-D
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GITR (glucocorticoid-induced tumor necrosis factor receptor), also named AITR (activation-inducible TNFreceptor superfamily member) and TNFRSF18, is a 228amino acid type I transmembrane protein belonging to the TNFreceptor superfamily. The GITR cytoplasmic domain has striking similarity to the cytoplasmic domain of 4-1BB and CD27.

Database References Target

Protein RefSeq:	NP_004186.1
Uniprot ID:	Q9Y5U5
mRNA RefSeq:	NM_004195.2

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#7R12)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	recombinant human TNFRSF18 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 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.

Remarks: This antibody was selected for its ability to detect human TNFRSF18.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB, FC, N

Recommended usage:

Flow cytometry: 1:50 - 1:200

WB: Use at 1:500-1000

Neutralization of Ligand/receptor interaction: Yes

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