ReliaTech GmbH

Specification/Data Sheet

Anti-Human TNFSF18 (#4Q25)

20150217ML

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**101-M677**
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

Synonyms (Target):	TNFSF18; TL6; AITRL; GITRL; hGITRL

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

Protein RefSeq:	NP_005083.2
Uniprot ID:	Q9UNG2
mRNA RefSeq:	NM_005092.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#4Q25)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	Human recombinant TNFSF18 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 TNFSF18.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

FC, N

Recommended usage:

Neutralization of TNFSF18 bioactivity: Yes

Flow cytometry: 1:50 - 1:200

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