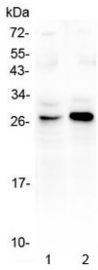
GITR Antibody / TNFRSF18 (R32938)

Catalog No.	Formulation	Size
R32938	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q9Y5U5
Applications	Western Blot: 0.5-1ug/ml
Limitations	This GITR antibody is available for research use only.



Western blot testing of 1) rat kidney and 2) mouse kidney using GITR antibody at 0.5ug/ml. Predicted molecular weight ~26 kDa.

Description

Tumor necrosis factor receptor superfamily member 18 (TNFRSF18), also called GITR or AITR is a protein that in humans is encoded by the TNFRSF18 gene. It is mapped to 1p36.33. This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed

cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Application Notes

Optimal dilution of the GITR antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids L178-V241 was used as the immunogen for the GITR antibody.

Storage

After reconstitution, the GITR antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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