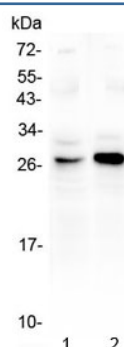


## GITR Antibody / TNFRSF18 (R32938)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Predicted Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q9Y5U5
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	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.