

For Research Use Only

# Anti-Mouse GITR/TNFRSF18 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98466-3-PBS



## Basic Information

Catalog Number:

98466-3-PBS

Size:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3695

GenBank Accession Number:

NM\_009400.2

GeneID (NCBI):

21936

UNIPROT ID:

O35714-1

Full Name:

tumor necrosis factor receptor  
superfamily, member 18

Calculated MW:

25kDa

Purification Method:

Protein A purification

CloneNo.:

250666B12

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## Background Information

Glucocorticoid-induced TNFR-related protein (GITR), also known as CD357 or TNFRSF18, is a member of the tumor necrosis factor receptor (TNF-R) superfamily. GITR is expressed constitutively at high levels in T regulatory cells (Treg cells) and plays a key role in dominant immunological self-tolerance maintained by CD25+CD4+ regulatory T cells (PMID: 11812990). It is expressed at low levels on resting responder T cells. The expression of GITR on T cells can be upregulated upon activation (PMID: 15770698). GITR is activated by GITR ligand (GITRL) which is mainly expressed on APC. GITR-GITRL interactions could co-stimulate both responder T-cell functions and the suppressive functions of Treg cells (PMID: 16868552).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

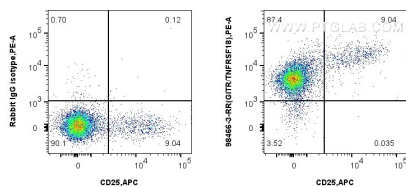
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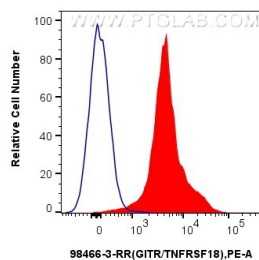
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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse GITR/TNFRSF18 Rabbit RecAb (98466-3-RR, Clone: 250666B12) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Mouse CD25/IL-2RA (PC61.5) (APC-65137, Clone: PC61.5). CD4<sup>+</sup> cells were pre-gated for analysis. Cells were not fixed. This data was developed using the same



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse GITR/TNFRSF18 Rabbit RecAb (98466-3-RR, Clone:250666B12) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). CD4<sup>+</sup> cells were pre-gated for analysis. Cells were not fixed. This data was developed using the same antibody clone with 98466-3-PBS in a different storage buffer formulation.