

For Research Use Only

Anti-Mouse GITR/TNFRSF18 Rabbit Recombinant Antibody

Catalog Number: 98466-3-RR

1 Publications



Basic Information

Catalog Number:

98466-3-RR

Size:

100ug, 1000 µg/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

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl
suspension

Applications

Tested Applications:

FC

Cited Applications:

IF

Species Specificity:

mouse

Cited Species:

mouse

Positive Controls:

FC : mouse splenocytes,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Qi Sun	40109122	Adv Healthc Mater	IF

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

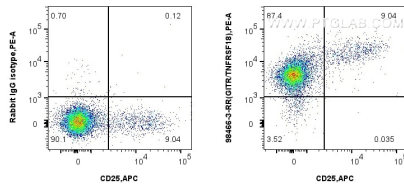
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

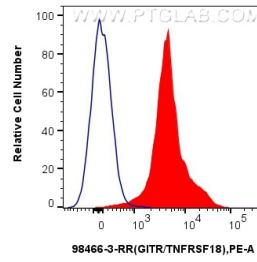
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ 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⁺ cells were pre-gated for analysis. Cells were not fixed.



1x10⁶ 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⁺ cells were pre-gated for analysis. Cells were not fixed.