

For Research Use Only

Anti-Mouse NGFR/TNFRSF16 Rabbit Recombinant Antibody

Catalog Number: 98391-2-RR



Basic Information

Catalog Number:

98391-2-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2651

GenBank Accession Number:

NM_033217.3

GeneID (NCBI):

18053

UNIPROT ID:

Q9Z0W1-1

Full Name:

nerve growth factor receptor (TNFR superfamily, member 16)

Calculated MW:

46 kDa

Purification Method:

Protein A purification

CloneNo.:

242634B10

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Transfected HEK-293T cells,

Background Information

The nerve growth factor (NGF) receptor (NGFR), also known as p75NTR, TNFRSF16, belongs to the tumor necrosis factor receptor superfamily, which is a low-affinity receptor of neurotrophins including NGF, 1 brain-derived neurotrophic factor (BDNF), 2 and neurotrophin-3, -4, and -5. It is now apparent that expression of NGFR is ubiquitous and not limited to the nervous system, being expressed in mature non-neural cells such as perivascular cells, dental pulp cells, lymphoid follicular dendritic cells, basal epithelium of oral mucosa and hair follicles, prostate basal cells and myoepithelial cells (PMID: 38307025, 16424897).

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:

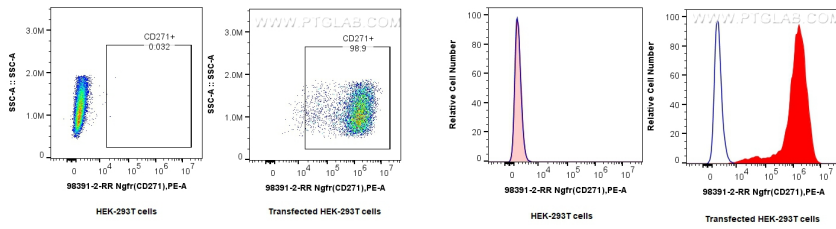
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Selected Validation Data



1x10⁶ HEK-293T cells or Ngfr transfected HEK-293T cells were stained with 0.25 ug Anti-Mouse NGFR/TNFRSF16 Rabbit RecAb (98391-2-RR, Clone:242634B10) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

1x10⁶ HEK-293T cells(left) or Ngfr transfected HEK-293T cells(right) were stained with 0.25 ug Anti-Mouse NGFR/TNFRSF16 Rabbit RecAb (98391-2-RR, Clone:242634B10) (red), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.