

For Research Use Only

# Anti-Mouse NGFR/TNFRSF16 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98391-2-PBS



## Basic Information

<b>Catalog Number:</b> 98391-2-PBS	<b>GenBank Accession Number:</b> NM_033217.3	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1mg, 2 mg/ml	<b>GeneID (NCBI):</b> 18053	<b>CloneNo.:</b> 242634B10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Z0W1-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> nerve growth factor receptor (TNFR superfamily, member 16)	
<b>Immunogen Catalog Number:</b> EG2651	<b>Calculated MW:</b> 46 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
mouse

## Background Information

The nerve growth factor (NGF) receptor (NGFR), also known as p75NTR, TNFRSF 16, 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

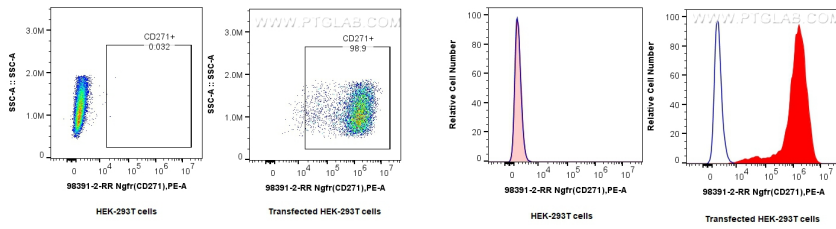
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



1x10<sup>6</sup> 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. This data was developed using the same antibody clone with 98391-2-PBS in a different storage buffer formulation.

1x10<sup>6</sup> 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. This data was developed using the same antibody clone with 98391-2-PBS in a different storage buffer