

For Research Use Only

Anti-Human NGFR/TNFRSF16 Rabbit Recombinant Antibody

Catalog Number: 98896-5-RR



Basic Information

Catalog Number:

98896-5-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4829

GenBank Accession Number:

NM_002507.4

GeneID (NCBI):

4804

UNIPROT ID:

P08138-1

Full Name:

nerve growth factor receptor (TNFR superfamily, member 16)

Calculated MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

260065A1

Recommended Dilutions:

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

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : SK-N-SH cells, Transfected CHO-K1 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, brain-derived neurotrophic factor (BDNF), 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:

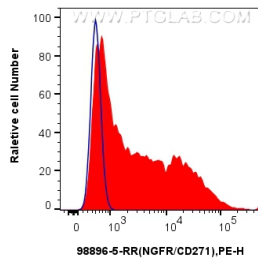
T: 4006900926

E: Proteintech-CN@ptglab.com

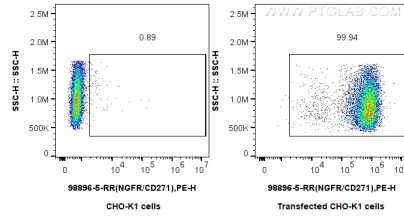
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

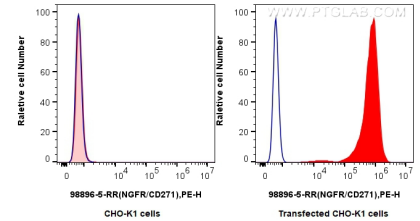
Selected Validation Data



1x10⁶ SK-N-SH cells were surface stained with 0.25 ug Anti-Human NGFR/TNFRSF16 Rabbit RecAb (98896-5-RR, Clone: 260065A1) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



1x10⁶ CHO-K1 (left) or NGFR/TNFRSF16 transfected CHO-K1 (right) or were surface stained with 0.25 ug Anti-Human NGFR/TNFRSF16 Rabbit RecAb (98896-5-RR, Clone: 260065A1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



1x10⁶ CHO-K1 (left) or NGFR/TNFRSF16 transfected CHO-K1 (right) were surface stained with 0.25 ug Anti-Human NGFR/TNFRSF16 Rabbit RecAb (98896-5-RR, Clone: 260065A1) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.