

For Research Use Only

CoraLite® Plus 488 Anti-Human NGFR/TNFRSF16 Rabbit Recombinant Antibody

Catalog Number: CL488-98896-5



Basic Information

Catalog Number:

CL488-98896-5

Concentration:

100 tests, 5 µl/test

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: 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : SK-N-SH 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

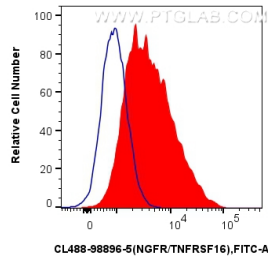
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 SK-N-SH cells were surface stained with 5 μ l CoraLite® Plus 488 Anti-Human NGFR/TNFRSF16 Rabbit RecAb (CL488-98896-5, Clone: 260065A1) (red) or CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-98136, Clone: 240953C9) (blue). Cells were not fixed.