

For Research Use Only

Mouse NGFR/TNFRSF16 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 85622-2-PBS



Basic Information

Catalog Number:

85622-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

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

Observed MW:

70-75 kDa

Purification Method:

Protein A purification

CloneNo.:

242634F10

Applications

Tested Applications:

WB, Cytometric bead array, Indirect ELISA

Species Specificity:

mouse, rat

Product Information

85622-2-PBS targets NGFR/TNFRSF16 as part of a matched antibody pair:

MP02004-1: 85622-2-PBS capture and 85622-2-PBS detection (validated in Cytometric bead array)

MP02004-2: 85622-2-PBS capture and 85622-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

p75NTR, also named TNFRSF16, Gp80-LNGFR, p75 ICD, and CD271, is a low-affinity receptor that can bind to NGF, BDNF, NT-3, and NT-4. It mediates cell survival as well as the cell death of neural cells. The antibody is specific to NGFR.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

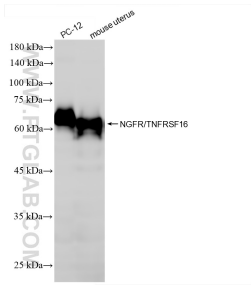
For technical support and original validation data for this product please contact:

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

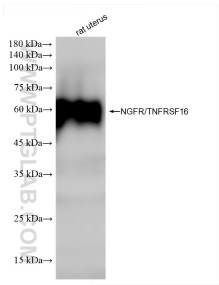
E: proteintech@ptglab.com
W: ptglab.com

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

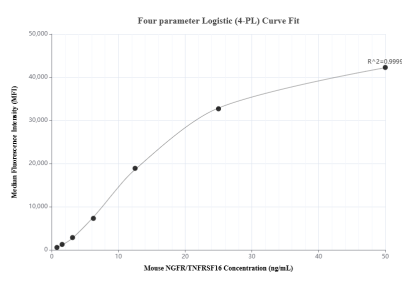
Selected Validation Data



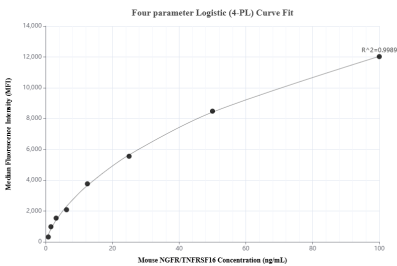
Various lysates were subjected to SDS PAGE followed by western blot with 85622-2-RR (Ngfr antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85622-2-PBS in a different storage buffer formulation.



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Cytometric bead array standard curve of MP02004-1, MOUSE NGFR/TNFRSF 16 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85622-3-PBS. Detection antibody: 85622-2-PBS. Standard: Eg2651. Range: 0.781-50 ng/mL.



Cytometric bead array standard curve of MP02004-2, MOUSE NGFR/TNFRSF 16 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85622-2-PBS. Detection antibody: 85622-1-PBS. Standard: Eg2651. Range: 0.781-100 ng/mL.