

For Research Use Only

# Rat NGFR/TNFRSF16 Recombinant antibody, PBS Only

Catalog Number: 85192-1-PBS



## Basic Information

### Catalog Number:

85192-1-PBS

### Size:

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

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

#### GeneID (NCBI):

24596

#### UNIPROT ID:

P07174

#### Full Name:

nerve growth factor receptor (TNFR superfamily, member 16)

#### Calculated MW:

45 kDa

#### Observed MW:

70-75 kDa

### Purification Method:

Protein A purification

### CloneNo.:

242465H4

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human, rat

## 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 cell death of neural cells. The antibody is specific to NGFR.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS Only

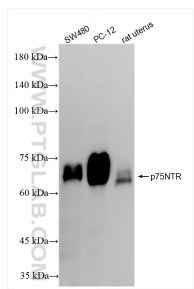
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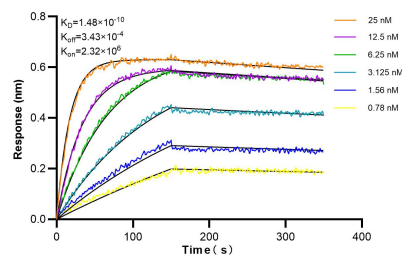
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85192-1-RR (p75NTR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85192-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85192-1-RR against Rat NGFR/TNFRSF16 were performed. The affinity constant is 0.148 nM.