Anti-p75 NGF Receptor antibody ab8874

**Product name**
Anti-p75 NGF Receptor antibody

**Description**
Rabbit polyclonal to p75 NGF Receptor

**Host species**
Rabbit

**Specificity**
This antibody recognises mouse NGF Receptor

**Tested applications**
Suitable for: Flow Cyt

**Species reactivity**
Reacts with: Mouse, Rat

Predicted to work with: Human

**Immunogen**
Recombinant fragment corresponding to Mouse p75 NGF Receptor aa 43-161 (extracellular).

**Positive control**
Flow Cyt: Mouse neuroblastoma and rat glioma hybrid cells.

**Properties**

**Form**
Liquid

**Storage instructions**

**Storage buffer**
Liquid antiserum

**Purity**
Whole antiserum

**Clonality**
Polyclonal

**Isotype**
IgG

**Applications**

Our **Abpromise guarantee** covers the use of ab8874 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Flow Cyt</td>
<td>1/100. ab171870</td>
<td>Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.</td>
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<tr>
<td><strong>Function</strong></td>
<td>Low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. Can mediate cell survival as well as cell death of neural cells.</td>
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<td><strong>Sequence similarities</strong></td>
<td>Contains 1 death domain. Contains 4 TNFR-Cys repeats.</td>
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<tr>
<td><strong>Domain</strong></td>
<td>Death domain is responsible for interaction with RANBP9. The extracellular domain is responsible for interaction with NTRK1.</td>
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<tr>
<td><strong>Post-translational modifications</strong></td>
<td>N- and O-glycosylated. O-linked glycans consist of Gal(1-3)GalNAc core elongated by 1 or 2 NeuNAc. Phosphorylated on serine residues.</td>
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<tr>
<td><strong>Cellular localization</strong></td>
<td>Membrane.</td>
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**Images**

NG6 cells, a fusion of mouse neuroblastoma and rat glioma cells selected for their high expression of p75, were used for flow cytometry analysis with the anti-p75 NGF Receptor antibody. Cells were treated for one hour with ab8874 at a 1:100 dilution and subsequently with an anti-rabbit IgG conjugated to FITC. A 92% shift was seen relative to cells treated with only secondary antibody.

**Flow Cytometry - Anti-p75 NGF Receptor antibody (ab8874)**

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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