


## Product datasheet

### APC Anti-p75 NGF Receptor antibody [NGFR5], prediluted ab176522

#### Overview

<b>Product name</b>	APC Anti-p75 NGF Receptor antibody [NGFR5], prediluted
<b>Description</b>	APC Mouse monoclonal [NGFR5] to p75 NGF Receptor, prediluted
<b>Host species</b>	Mouse
<b>Conjugation</b>	APC. Ex: 645nm, Em: 660nm
<b>Specificity</b>	The epitope is localized within amino acids 1 - 160.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Rabbit, Cat, Human, Ferret <b>Predicted to work with:</b> Non human primates  <b>Does not react with:</b> Mouse, Rat
<b>Immunogen</b>	Full length native protein (purified) corresponding to Human p75 NGF Receptor. Purified CD271 protein isolated from Human melanoma cell line A875. Database link: <a href="#">P08138</a>
<b>Positive control</b>	Human blood cells.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze. Store In the Dark.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.098% Sodium azide Constituents: 99% PBS, 0.2% BSA
<b>Purity</b>	Size exclusion
<b>Clonality</b>	Monoclonal

Clone number	NGFR5
Isotype	IgG1

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab176522 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 10µl for 10 <sup>6</sup> cells. 10 µl reagent / 100 µl of whole blood

## Target

<b>Function</b>	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.
<b>Sequence similarities</b>	Contains 1 death domain. Contains 4 TNFR-Cys repeats.
<b>Domain</b>	Death domain is responsible for interaction with RANBP9. The extracellular domain is responsible for interaction with NTRK1.
<b>Post-translational modifications</b>	N- and O-glycosylated. O-linked glycans consist of Gal(1-3)GalNAc core elongated by 1 or 2 NeuNAc. Phosphorylated on serine residues.
<b>Cellular localization</b>	Membrane.

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

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