


Product datasheet

Anti-p75 NGF Receptor antibody [NGFR5] (PerCP/Cy5.5®) ab234446

1 Image

Overview

<b>Product name</b>	Anti-p75 NGF Receptor antibody [NGFR5] (PerCP/Cy5.5®)
<b>Description</b>	Mouse monoclonal [NGFR5] to p75 NGF Receptor (PerCP/Cy5.5®)
<b>Host species</b>	Mouse
<b>Conjugation</b>	PerCP/Cy5.5®. Ex: 482nm, Em: 690nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rabbit, Cat, Ferret, Non human primates  <b>Does not react with:</b> Mouse, Rat
<b>Immunogen</b>	Full length protein corresponding to Human p75 NGF Receptor. (Purified from human melanoma cell line A875). Database link: <a href="#">P08138</a>
<b>Positive control</b>	Flow Cyt: REH cells.
<b>General notes</b>	This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy and CyDye are trademarks of GE Healthcare Limited.

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

## Properties

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<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: 0.0975% Sodium azide Constituent: PBS
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	Purified antibody is conjugated with tandem dye PerCP/Cy5.5® under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	NGFR5
<b>Isotype</b>	IgG1

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab234446** 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 4µl for 10 <sup>6</sup> cells. (or 100 µl of whole blood).

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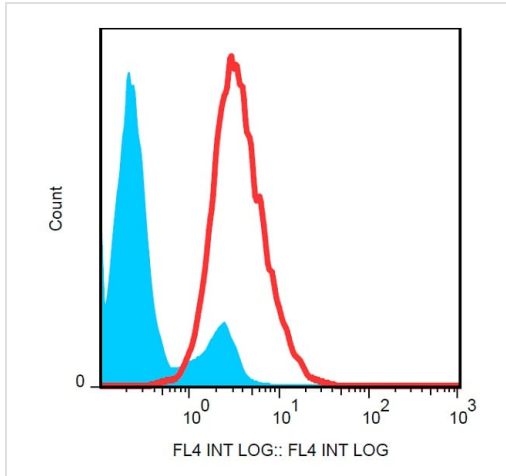
## Target

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<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.

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## Images



Flow cytometric analysis of REH cells labeling p75 NGF Receptor with ab234446 at 4  $\mu$ l/ $10^6$  cells (red) as compared to a blank control (blue). Surface staining.

Flow Cytometry - Anti-p75 NGF Receptor antibody [NGFR5] (PerCP/Cy5.5®) (ab234446)

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

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- Replacement or refund for products not performing as stated on the datasheet
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