abcam

Product datasheet

PE Anti-p75 NGF Receptor antibody [NGFR5], prediluted ab157333

3 References

Overview

Product name	PE Anti-p75 NGF Receptor antibody [NGFR5], prediluted
Description	PE Mouse monoclonal [NGFR5] to p75 NGF Receptor, prediluted
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Rabbit, Cat, Human, Ferret, Non human primates **Does not react with:** Mouse, Rat
Immunogen	Purified p75 NGF Receptor protein isolated from Human melanoma cell line A875.
Epitope	The epitope is localized within amino acids 1-160.
Positive control	Human blood cells.
General notes	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. 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&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: 0.2% BSA, 99% PBS
Purity	Size exclusion
Clonality	Monoclonal
Clone number	NGFR5

Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab157333 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 10^6 cells. 10ul per 100ul whole blood. **ab91357** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

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

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