

Product datasheet

Anti-p75 NGF Receptor antibody [NGFR5] ab3125

★★★★★ 3 Abreviews 10 References 画像数 3

製品の概要

製品名	Anti-p75 NGF Receptor antibody [NGFR5]
製品の詳細	Mouse monoclonal [NGFR5] to p75 NGF Receptor
アプリケーション	適用あり: ICC/IF, Flow Cyt, IHC-P 適用なし: WB
種交差性	交差種: Human, Ferret, Monkey 交差が予測される動物種: Rabbit, Cat, Baboon ▲ 非交差種: Mouse, Rat
免疫原	NGFR from A875 melanoma cells.
エピトープ	Amino acids 1 - 160.
ポジティブ・コントロール	Melanoma.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Constituents: 0.0268% PBS, 0.2% BSA
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	NGFR5
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab3125** in the following tested applications.

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

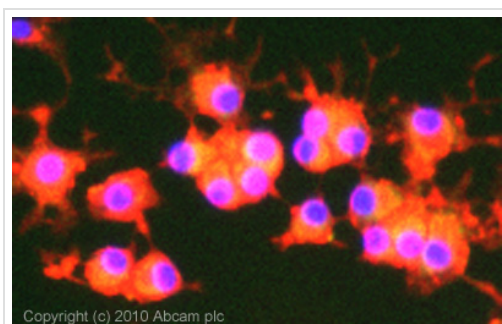
アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab170190 -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P	★★★★★	Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

追加情報 Is unsuitable for WB.

ターゲット情報

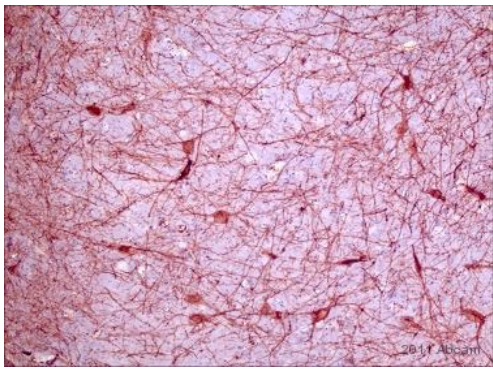
機能	Low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. Can mediate cell survival as well as cell death of neural cells.
配列類似性	Contains 1 death domain. Contains 4 TNFR-Cys repeats.
ドメイン	Death domain is responsible for interaction with RANBP9. The extracellular domain is responsible for interaction with NTRK1.
翻訳後修飾	N- and O-glycosylated. O-linked glycans consist of Gal(1-3)GalNAc core elongated by 1 or 2 NeuNAc. Phosphorylated on serine residues.
細胞内局在	Membrane.

画像



Immunocytochemistry/ Immunofluorescence - p75
NGF Receptor antibody [NGFR5] (ab3125)

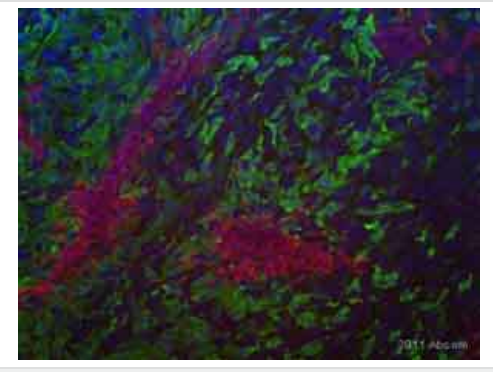
ICC/IF image of ab3125 stained PC12 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab3125, 5µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - p75 NGF Receptor antibody [NGFR5] (ab3125)

This image is courtesy of an Abreview submitted by Amy Nelson.

ab3125 staining p75 NGF Receptor in Human cholinergic neurons by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded tissue sections). The sections were fixed in formalin and subjected to heat-mediated antigen retrieval in sodium citrate buffer prior to blocking with 2.5% serum for 1 hour 30 minutes at 21°C. The primary antibody was diluted 1/250 in normal horse serum blocking buffer and incubated with the sample for 65 hours at 4°C.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-p75 NGF Receptor antibody [NGFR5] (ab3125)

This image is courtesy of Hongwei Shao by Abreview.

ab3125 staining p75 NGF Receptor in human melanoma tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Tissue was fixed in formaldehyde and a heat mediated antigen retrieval step was performed using Tris EDTA pH 9.0. Samples were then permeabilized using 0.25% Triton X-100, blocked for 1 hour at room temperature and then incubated with ab3125 at a 1/100 dilution for 18 hours at 4°C. The secondary used was an Alexa-Fluor 594 (red) conjugated donkey anti-mouse polyclonal used at a 1/100 dilution. (Green) tumor cells, (blue) DAPI.

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