

Product datasheet

Anti-p75 NGF Receptor antibody [MC-192] ab6172

★★★★★ 2 Abreviews 6 References 画像数 1

製品の概要

製品名	Anti-p75 NGF Receptor antibody [MC-192]
製品の詳細	Mouse monoclonal [MC-192] to p75 NGF Receptor
由来種	Mouse
アプリケーション	適用あり: Flow Cyt, IHC-Fr, ICC/IF
種交差性	交差種: Rat
免疫原	Rat PC-12 cells.
ポジティブ・コントロール	This antibody gave a positive result when used in the following formaldehyde fixed cell lines: PC12.
特記事項	A well characterised and versatile monoclonal antibody, clone number MC-192, that is of central importance in the study of LANGF (p75-NGF) receptor.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Constituent: PBS
精製度	Protein A purified
一次抗体 備考	A well characterised and versatile monoclonal antibody, clone number MC-192, that is of central importance in the study of LANGF (p75-NGF) receptor.
ポリ/モノ	モノクローナル
クローン名	MC-192
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab6172** in the following tested applications.

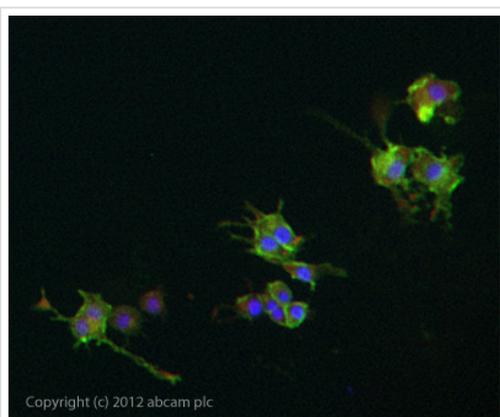
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Flow Cyt		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration. PubMed: 20213527

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 - Anti-p75 NGF Receptor antibody [MC-192] (ab6172)

ab6172 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 ab6172 at 5µg/ml overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti-mouse ([ab96879](#)) 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.

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