

Datasheet

NGFR monoclonal antibody, clone ME20.4 (FITC)

Catalog Number: MAB5598

Regulatory Status: For research use only (RUO)

Product Description: Mouse (P75 knock-out) monoclonal antibody raised against native NGFR.

Clone Name: ME20.4

Immunogen: Native purified NGFR from human WM245 melanoma cells.

Host: Mouse

Reactivity: Cat, Dog, Human, Pig, Rabbit, Sheep

Applications: Flow Cyt, IF, IHC
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody recognizes p75NTR (low affinity neurotrophin receptor).

Form: Liquid

Conjugation: FITC

Isotype: IgG

Recommend Usage: Immunohistochemistry (2 ug/mL)
Flow Cytometry (20 ug/mL)
ELISA (1:5000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 10 mM Tris, 50 mM NaCl

Storage Instruction: Store at 4°C.

Entrez GeneID: 4804

Gene Symbol: NGFR

Gene Alias: CD271, Gp80-LNGFR, TNFRSF16, p75(NTR), p75NTR

Gene Summary: Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain. [provided by RefSeq]

References:

1. Inhibition within the nucleus tractus solitarius (NTS) ameliorates environmental exploration deficits due to cerebellum lesions in an animal model for autism. Walker BR, Diefenbach KS, Parikh TN. Behav Brain Res. 2007 Jan 10;176(1):109-20. Epub 2006 Sep 12.