

Anti-NGFR/p75 neurotrophin receptor (p75NTR) Antibody (FITC)



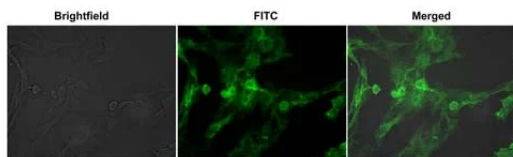
Product Details

Available Variants	50 µg (SKU:M-1819-50-FT)
Conjugate	FITC Ex: 490 nm, Em: 525 nm
Isotype	IgG2a
Clone	8J2
Host Species	Mouse
Concentration	1 mg/mL
Format	IgG
Physical State	Liquid
Buffer	PBS, pH 7.2-7.6, without preservative. Typical Fluorophore/Protein (F/P) - ratio is 3-10.
Production Notes	Protein A purified IgG was labelled with FITC and free dye removed by gel filtration.
Applications	Flow, ICC
Dilution Ranges	ICC: 1-5 µg/mL
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant extracellular domain (amino acids 29-250) of human NGFR/p75NTR protein with N-terminal His-tag.
Specificity	Reacts with human, mouse and rat. Cross-reactivity with other species not tested but expected. This antibody is specific for NGFR/p75NTR as demonstrated by Western blotting and immunoprecipitation. The antibody recognizes extracellular p75NTR under non-reducing conditions.
Storage	Liquid antibody is shipped cold. Upon arrival, spin vial briefly, divide into aliquots and store at -20°C for long-term storage. Store at 2-8°C short-term (up

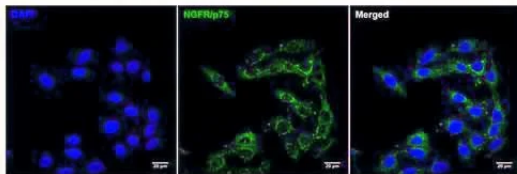
to 4 weeks) with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles.

UniProt ID	P08138
Country of Origin	United States
Shipping	2-8°C (on cold packs)
Expiration	4 months after date of receipt (unopened vial)
Usage Statement	For research use only.

Product Images



Live cell imaging of NGFR/p75 receptor in human SH-SY5Y cells with FITC-labelled p75 antibody clone 8J2 (2 µg/mL). Magnification: 40x.



Immunofluorescent staining of internalized NGFR/p75 receptor (green) in rat C6 glioma cells. Live cells were incubated with FITC-labelled NGFR/p75 antibody clone (2 µg/mL) for 1 hour at 37°C, fixed (4% formaldehyde), and cell nuclei stained with DAPI (blue). Confocal images (60x magnification) demonstrate typical vesicle-like, punctuate perinuclear staining of internalized receptor/antibody.



