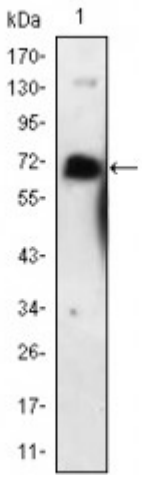
Anti-NGFR p75 antibody



Description	Mouse monoclonal to NGFR p75.

Model	STJ98277
Host	Mouse
Reactivity	Human
Applications	ELISA, FC, IF, WB
Immunogen	Purified recombinant fragment of human NGFR p75 expressed in E. Coli.
Gene ID	4804
Gene Symbol	NGFR
Dilution range	WB 1:500-1:2000IF 1:200-1:1000FC 1:200-1:400ELISA 1:10000
Specificity	NGFR p75 Monoclonal Antibody detects endogenous levels of NGFR p75 protein.
Purification	Affinity purification
Clone ID	2F1C2
Note	For Research Use Only (RUO).
Protein Name	Tumor necrosis factor receptor superfamily member 16 Gp80-LNGFR Low affinity neurotrophin receptor p75NTR Low-affinity nerve growth factor receptor NGF receptor p75 ICD CD antigen CD271
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7809OMIM:162010
Alternative Names	Tumor necrosis factor receptor superfamily member 16 Gp80-LNGFR Low affinity neurotrophin receptor p75NTR Low-affinity nerve growth factor receptor NGF receptor p75 ICD CD antigen CD271
Function	Plays a role in the regulation of the translocation of GLUT4 to the cell surface in adipocytes and skeletal muscle cells in response to insulin, probably by regulating RAB31 activity, and thereby contributes to the regulation of insulin-dependent glucose uptake . 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. Necessary for the circadian oscillation of the clock genes ARNTL/BMAL1, PER1, PER2 and NR1D1 in the suprachiasmatic nucleus (SCN) of the brain and in liver and of the genes involved in glucose and lipid metabolism in the liver.
Sequence and Domain Family	Death domain is responsible for interaction with RANBP9.; The extracellular domain is responsible for interaction with NTRK1.
Cellular Localization	Membrane. Single-pass type I membrane protein.
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.