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12-9472-PE: PE-conjugated Anti-GDNF antibody(DMC498); IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	DMC498
Application :	Flow Cyt
Reactivity :	Human
Conjugate :	PE-conjugated
Gene :	GDNF
Uniprot ID :	P39905
Alternative Name :	ATF; ATF1; ATF2; HFB1-GDNF; HSCR3
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. The recombinant form of this protein; a highly conserved neurotrophic factor; was shown to promote the survival and differentiation of dopaminergic neurons in culture; and was able to prevent apoptosis of motor neurons induced by axotomy. This protein is a ligand for the product of the RET (rearranged during transfection) protooncogene. Mutations in this gene may be associated with Hirschsprung disease and Tourette syndrome. This gene encodes multiple protein isoforms that may undergo similar proteolytic processing. [provided by RefSeq; Aug 2016]

Product Info

Amount :	100 Test
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Liquid PBS with 0.05% Proclin300, 1% BSA
Storage condition :	Store at 2°C-8°C for 6 months

Application Note

Flow Cyt 1:100

For Research Use Only. Not for use in diagnostic/therapeutics procedures.