

## **PRODUCT INFORMATION**

Clone ID **DMC498 GDNF Target** 

**Synonyms** ATF; ATF1; ATF2; HFB1-GDNF; HSCR3

**Host Species** 

PE-conjugated Anti-GDNF antibody(DMC498); Description

IgG1 Chimeric mAb

**Delivery** Under Development

**Uniprot ID** P39905

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Flow Cyt 1:100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Formulation & Reconstitution

**Background** 

Liquid PBS with 0.05% Proclin300, 1% BSA

Storage & Shipping Store at 2°C-8°C for 6 months

> This gene encodes a secreted ligand of the TGFbeta (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]

Research use only

**Usage** Conjugate PE-conjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

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actively scrutinizing all patent application to

ensure no IP infringement.

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