

For Research Use Only

GDNF Recombinant antibody

Catalog Number: 83087-1-RR



Basic Information

Catalog Number: 83087-1-RR	GenBank Accession Number: BC069369	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2668	CloneNo.: 230358A10
Source: Rabbit	UNIPROT ID: P39905	
Isotype: IgG	Full Name: glial cell derived neurotrophic factor	
Immunogen Catalog Number: AG24068	Calculated MW: 211 aa, 24 kDa	
	Observed MW: 32-40 kDa	

Applications

Tested Applications:
FC, ELISA

Species Specificity:
Human

Background Information

Glial-derived neurotrophic factor (GDNF) is a member of the transforming growth factor (TGF)- α family and exhibits potent neuroprotective activity. GDNF is a potent promoter of neuronal survival in the CNS and peripheral nervous system (PNS). It has a relatively high specificity for dopaminergic neurons and thus become an effective treatment for Parkinson's diseases (PD), with clinical trials currently in progress. Protein dimers of GDNF have a reported molecular weight of 32-40 kDa (PMID: 17982417, PMID: 23251488, PMID: 11429269).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

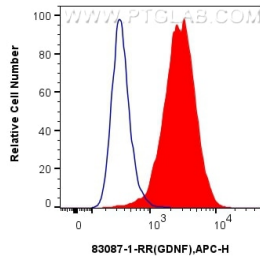
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1×10^6 SH-SY5Y cells were intracellularly stained with 0.25 μ g Anti-Human GDNF (83087-1-RR, Clone:230358A10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).