

For Research Use Only

CoraLite® Plus 488-conjugated GDNF Recombinant antibody

Catalog Number: CL488-83087



Basic Information

Catalog Number: CL488-83087	GenBank Accession Number: BC069369	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2668	CloneNo.: 230358A10
Source: Rabbit	UNIPROT ID: P39905	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: glial cell derived neurotrophic factor	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG24068	Calculated MW: 211 aa, 24 kDa	
	Observed MW: 32-40 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : SH-SY5Y cells,
Species Specificity: human, mouse	

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).

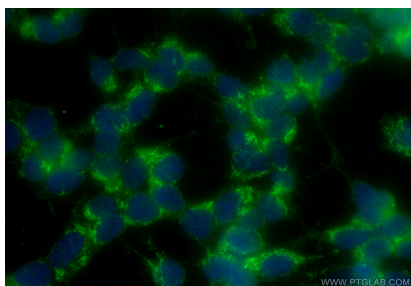
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using CoraLite® Plus 488 GDNF antibody (CL488-83087, Clone: 230358A10) at dilution of 1:200.