

For Research Use Only

GDNF Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 83087-3-PBS



Basic Information

Catalog Number: 83087-3-PBS	GenBank Accession Number: BC069369	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2668	CloneNo.: 250395F9
Source: Rabbit	UNIPROT ID: P39905	
Isotype: IgG	Full Name: glial cell derived neurotrophic factor	
Immunogen Catalog Number: HZ-1311	Calculated MW: 211 aa, 24 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

83087-3-PBS targets GDNF as part of a matched antibody pair:

MP02939-1: 83087-4-PBS capture and 83087-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

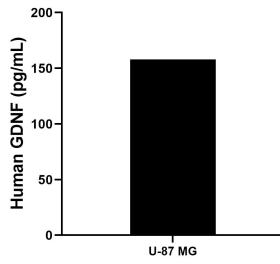
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

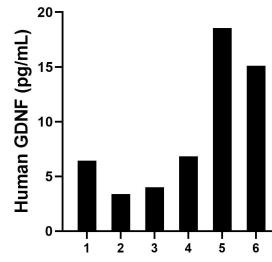
E: proteintech@ptglab.com
W: ptglab.com

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

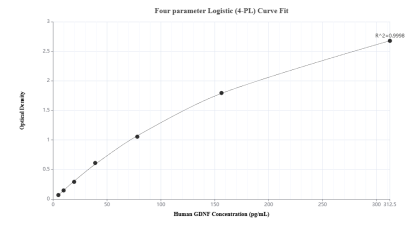
Selected Validation Data



The mean GDNF concentration was determined to be 158.0 pg/mL in U-87MG cell extract based on a 1.2 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The human GDNF concentration of detected samples was determined to be 9.1 pg/mL with a range of 3.4-18.5 pg/mL.



Sandwich ELISA standard curve of MP02939-1, Human GDNF Recombinant Matched Antibody Pair - PBS only. 83087-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1311. 83087-3-PBS was HRP conjugated as the detection antibody. Range: 4.88-313 pg/mL