

For Research Use Only

BDNF Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88089-3-PBS



Basic Information

Catalog Number: 88089-3-PBS	GenBank Accession Number: BC029795	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 627	CloneNo.: 253391B12
Source: Rabbit	UNIPROT ID: P23560	
Isotype: IgG	Full Name: brain-derived neurotrophic factor	
Immunogen Catalog Number: HZ-1335	Calculated MW: 247 aa, 28 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

88089-3-PBS targets BDNF as part of a matched antibody pair:

MP03417-1: 88089-3-PBS capture and 88089-2-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.

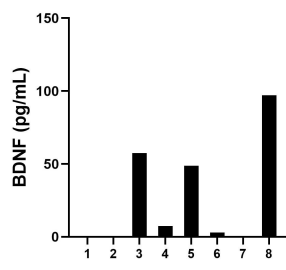
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

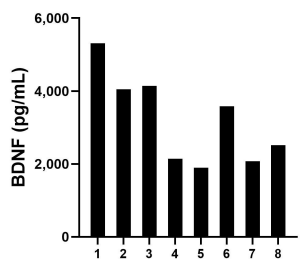
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

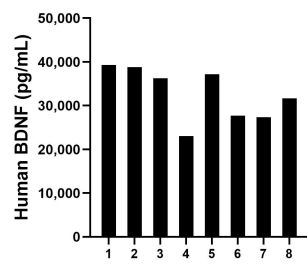
Selected Validation Data



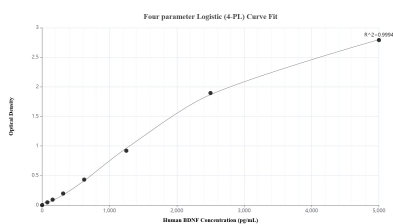
Serum of eight mice was measured. The BDNF concentration of detected samples was determined to be 26.7 pg/mL with a range of ND-97.1 pg/mL



Serum of eight rats was measured. The BDNF concentration of detected samples was determined to be 3,518.8 pg/mL with a range of 1,900.8-5,307.0 pg/mL



Serum of eight individual healthy human donors was measured. The BDNF concentration of detected samples was determined to be 32,669.4 pg/mL with a range of 23,048.4-39,293.5 pg/mL



Sandwich ELISA standard curve of MP03417-1, Human BDNF Recombinant Matched Antibody Pair - PBS only. 88089-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1335. 88089-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL