

BNIP3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02745-1**

Capture Antibody Information

Catalog Number:
86909-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251462C9
Reactivity:
human
Immunogen Catalog Number:
Ag19747

Conjugate:
Unconjugated
Full name:
BCL2/adenovirus E1B 19kDa interacting protein 3
Gene ID:
664

Detection Antibody Information

Catalog Number:
86909-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251462D10
Reactivity:
human
GenBank:
BC009342
Immunogen Catalog Number:
Ag19747

Conjugate:
Unconjugated
Full name:
BCL2/adenovirus E1B 19kDa interacting protein 3
Gene ID:
664

Applications

Tested Applications:
Sandwich ELISA

Range:
19.5-1250 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02745-1 targets BNIP3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: BNIP3 Recombinant monoclonal antibody, PBS Only (Capture) 86909-2-PBS (251462C9). 100 µg. Concentration 1 mg/mL.

Detection antibody: BNIP3 Recombinant monoclonal antibody, PBS Only (Detector) 86909-1-PBS (251462D10). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

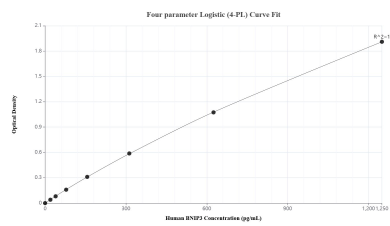
For technical support and original validation data for this product please contact:

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

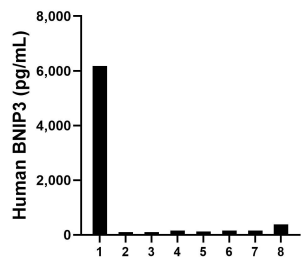
E: proteintech@ptglab.com
W: ptglab.com

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

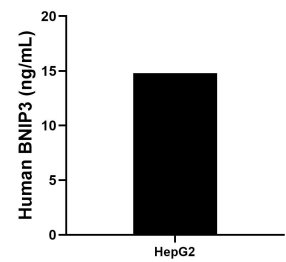
Selected Validation Data



Sandwich ELISA standard curve of MP02745-1, Human BNIP3 Recombinant Matched Antibody Pair - PBS only. 86909-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag19747. 86909-1-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Serum of eight individual healthy human donors was measured. The BNIP3 concentration of detected samples was determined to be 920.1 pg/mL with a range of 98.3-6,179.9 pg/mL



The mean BNIP3 concentration was determined to be 14.8 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.