

BNIP3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02745-1

Capture Antibody Information

Catalog Number: 86909-2-PBS	Clone ID: 251462C9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: BCL2/adenovirus E1B 19kDa interacting protein 3
Isotype: IgG	GenBank: BC009342	Gene ID: 664
Purification Method: Protein A purification	Immunogen Catalog Number: Ag19747	

Detection Antibody Information

Catalog Number: 86909-1-PBS	Clone ID: 251462D10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: BCL2/adenovirus E1B 19kDa interacting protein 3
Isotype: IgG	GenBank: BC009342	Gene ID: 664
Purification Method: Protein A purification	Immunogen Catalog Number: Ag19747	

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.
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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.

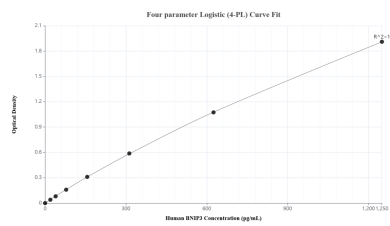
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

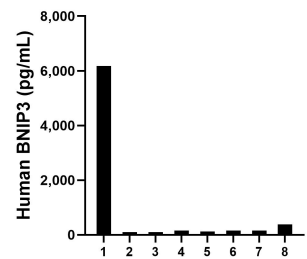
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

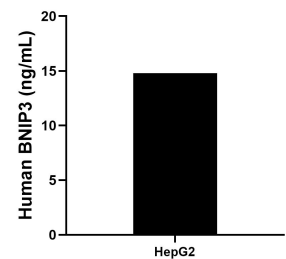
Selected Validation Data



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.