

For Research Use Only

# BNIP3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86909-2-PBS



## Basic Information

|                                                             |                                                                      |                                                       |
|-------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>86909-2-PBS                       | <b>GenBank Accession Number:</b><br>BC009342                         | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>664                                         | <b>CloneNo.:</b><br>251462C9                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>Q12983                                         |                                                       |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>BCL2/adenovirus E1B 19kDa interacting protein 3 |                                                       |
| <b>Immunogen Catalog Number:</b><br>AG19747                 | <b>Calculated MW:</b><br>194 aa, 22 kDa                              |                                                       |

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

86909-2-PBS targets BNIP3 as part of a matched antibody pair:

MP02745-1: 86909-2-PBS capture and 86909-1-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.

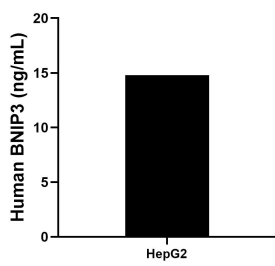
## Storage

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

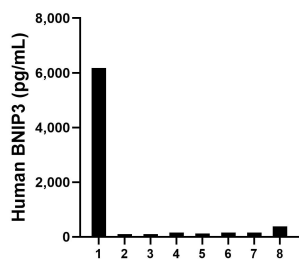
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

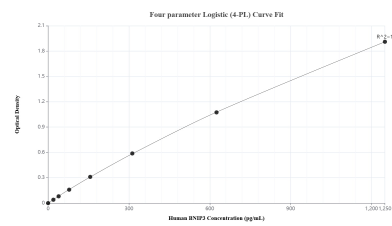
## Selected Validation Data



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



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.



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.