

For Research Use Only

# BAX Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02957-1

## Capture Antibody Information

Catalog Number:  
81789-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
252648B1

Reactivity:  
human

Immunogen Catalog Number:  
Ag40421

Conjugate:  
Unconjugated

Full name:  
BCL2-associated X protein

Gene ID:  
581

## Detection Antibody Information

Catalog Number:  
81789-2-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
252648B5

Reactivity:  
human

GenBank:  
BC014175

Immunogen Catalog Number:  
Ag40421

Conjugate:  
Unconjugated

Full name:  
BCL2-associated X protein

Gene ID:  
581

## Applications

Tested Applications:  
Cytometric bead array, Sandwich ELISA

Range:  
0.312-40 ng/mL (Cytometric Bead Array)  
0.156-10 ng/mL (Sandwich ELISA)

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

## Product Information

MP02957-1 targets BAX in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: BAX Recombinant monoclonal antibody, PBS Only (Capture) 81789-3-PBS (252648B1). 100 µg. Concentration 1 mg/mL.

Detection antibody: BAX Recombinant monoclonal antibody, PBS Only (Detector) 81789-2-PBS (252648B5). 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

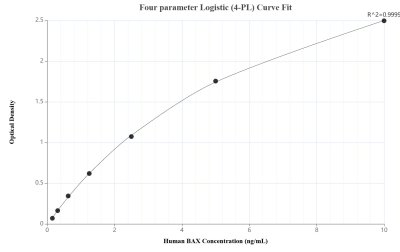
For technical support and original validation data for this product please contact:

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

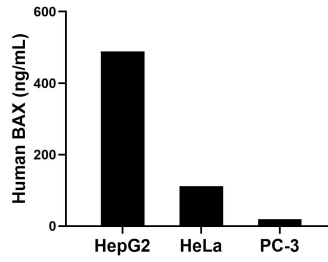
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

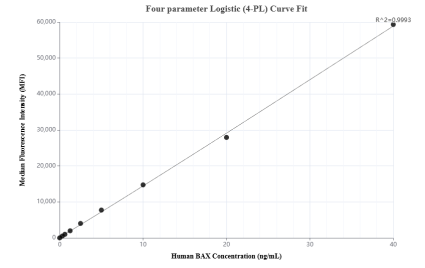
## Selected Validation Data



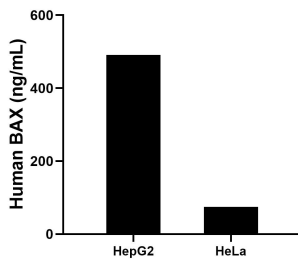
Sandwich ELISA standard curve of MP02957-1, Human BAX Recombinant Matched Antibody Pair - PBS only. 81789-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag40421. 81789-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean BAX concentration was determined to be 489.00 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 111.60 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 19.30 ng/mL in PC-3 cell extract based on a 1.30 mg/mL extract load.



Cytometric bead array standard curve of MP02957-1, BAX Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81789-3-PBS. Detection antibody: 81789-2-PBS. Standard: Ag40421. Range: 0.312-40 ng/mL



The mean BAX concentration was determined to be 491.4 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 74.5 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.