

BMAL1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02429-1**

Capture Antibody Information

Catalog Number: 86113-3-PBS	Clone ID: 250536C9	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: aryl hydrocarbon receptor nuclear translocator-like
Isotype: IgG	GenBank: BC041129	Gene ID: 406
Purification Method: Protein A purification	Immunogen Catalog Number: Ag5586	

Detection Antibody Information

Catalog Number: 86113-2-PBS	Clone ID: 250536G1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: aryl hydrocarbon receptor nuclear translocator-like
Isotype: IgG	GenBank: BC041129	Gene ID: 406
Purification Method: Protein A purification	Immunogen Catalog Number: Ag5586	

Applications

Tested Applications: Sandwich ELISA	Range: 62.5-4000 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

MP02429-1 targets BMAL1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ARNTL Recombinant monoclonal antibody, PBS Only (Capture) 86113-3-PBS (250536C9). 100 µg. Concentration 1 mg/mL.

Detection antibody: ARNTL Recombinant monoclonal antibody, PBS Only (Detector) 86113-2-PBS (250536G1). 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.

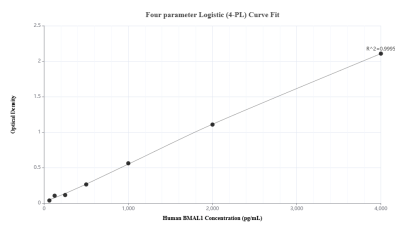
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

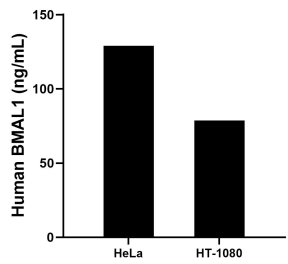
Storage

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 MP02429-1, Human BMAL1 Recombinant Matched Antibody Pair - PBS only. 86113-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5586. 86113-2-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL



The mean BMAL1 concentration was determined to be 129.02 ng/mL in HeLa cell extract based on a 1.4 mg/mL extract load and 78.59 ng/mL in HT-1080 cell extract based on a 1.4 mg/mL extract load.