

RUVBL2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03092-1**

Capture Antibody Information

Catalog Number: 87557-1-PBS	Clone ID: 252919G3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human, mouse	Full name: RuvB-like 2 (E. coli)
Isotype: IgG	GenBank: BC000428	Gene ID: 10856
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0253	

Detection Antibody Information

Catalog Number: 87557-2-PBS	Clone ID: 252919D12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: RuvB-like 2 (E. coli)
Isotype: IgG	GenBank: BC000428	Gene ID: 10856
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0253	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.625-80 ng/mL (Cytometric Bead Array) 1.56-100 ng/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

MP03092-1 targets RUVBL2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: RUVBL2 Recombinant monoclonal antibody, PBS Only (Capture) 87557-1-PBS (252919G3). 100 µg. Concentration 1 mg/mL.

Detection antibody: RUVBL2 Recombinant monoclonal antibody, PBS Only (Detector) 87557-2-PBS (252919D12). 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.

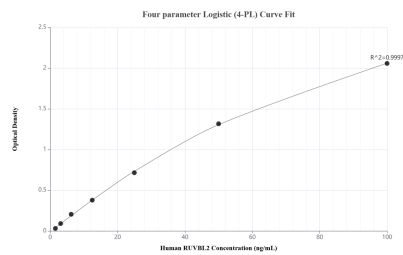
Antibody use should be optimized for each application and assay.

Storage

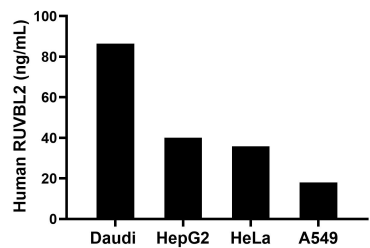
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

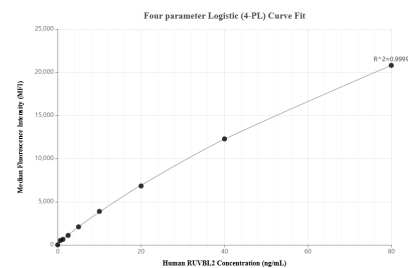
Selected Validation Data



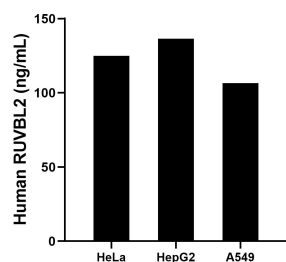
Sandwich ELISA standard curve of MP03092-1, Human RUVBL2 Recombinant Matched Antibody Pair - PBS only. 87557-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0253. 87557-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



The mean RUVBL2 concentration was determined to be 86.50 ng/mL in Daudi cell extract based on a 1.20 mg/mL extract load, 40.10 ng/mL in HepG2 cell based on a 1.20 mg/mL extract load, 35.90 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 18.05 ng/mL in A549 cell extract based on a 1.10 mg/mL extract load.



Cytometric bead array standard curve of MP03092-1, RUVBL2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87557-1-PBS. Detection antibody: 87557-2-PBS. Standard: Ag0253. Range: 0.625-80 ng/mL.



The mean RUVBL2 concentration was determined to be 124.8 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 136.5 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 106.5 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load.