

KAP1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02033-2**

Capture Antibody Information

Catalog Number: 85693-1-PBS	Clone ID: 243043H7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: tripartite motif-containing 28
Isotype: IgG	GenBank: BC004978	Gene ID: 10155
Purification Method: Protein A purification	Immunogen Catalog Number: Ag7350	

Detection Antibody Information

Catalog Number: 85693-2-PBS	Clone ID: 243043A7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: tripartite motif-containing 28
Isotype: IgG	GenBank: BC004978	Gene ID: 10155
Purification Method: Protein A purification	Immunogen Catalog Number: Ag7350	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.625-80 ng/mL (Cytometric Bead Array) 78.1-5000 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

MP02033-2 targets KAP1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: KAP1 Recombinant antibody, PBS Only (Capture) 85693-1-PBS (243043H7). 100 µg. Concentration 1 mg/mL.

Detection antibody: KAP1 Recombinant antibody, PBS Only (Detector) 85693-2-PBS (243043A7). 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.

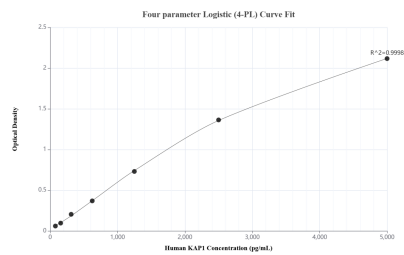
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

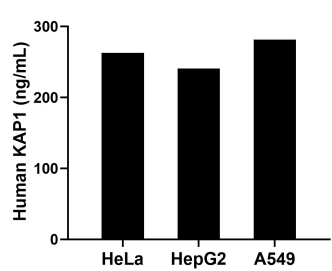
Storage

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

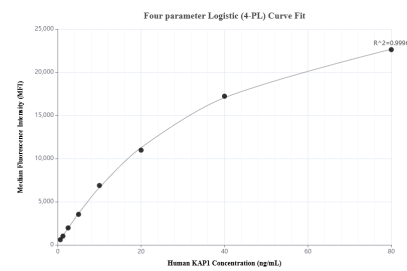
Selected Validation Data



Sandwich ELISA standard curve of MP02033-2, Human KAP1 Recombinant Matched Antibody Pair - PBS only. 85693-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7350. 85693-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean KAP1 concentration was determined to be 262.9 ng/mL in HeLa cell extract based on a 1.5 mg/mL extract load, 240.8 ng/mL in HepG2 cell extract based on a 1.8 mg/mL extract load and 281.5 ng/mL in A549 cell extract based on a 3.1 mg/mL extract load.



Cytometric bead array standard curve of MP02033-2, KAP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85693-1-PBS. Detection antibody: 85693-2-PBS. Standard: Ag7350. Range: 0.625-80 ng/mL