

AK1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02232-2**

Capture Antibody Information

Catalog Number: 85979-5-PBS	Clone ID: 250557E11	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: adenylate kinase 1
Isotype: IgG	GenBank: BC001116	Gene ID: 203
Purification Method: Protein A purification	Immunogen Catalog Number: Ag6890	

Detection Antibody Information

Catalog Number: 85979-3-PBS	Clone ID: 250557D10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human, mouse, rat	Full name: adenylate kinase 1
Isotype: IgG	GenBank: BC001116	Gene ID: 203
Purification Method: Protein A purification	Immunogen Catalog Number: Ag6890	

Applications

Tested Applications: Sandwich ELISA	Range: 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.
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Product Information

MP02232-2 targets AK1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: AK1 Recombinant antibody, PBS Only (Capture) 85979-5-PBS (250557E11). 100 µg. Concentration 1 mg/mL.

Detection antibody: AK1 Recombinant antibody, PBS Only (Detector) 85979-3-PBS (250557D10). 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.

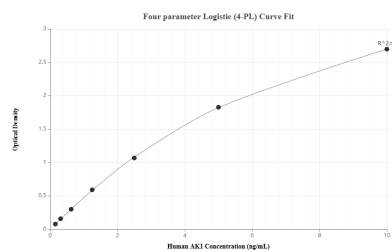
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

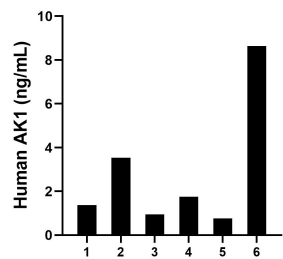
Storage

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

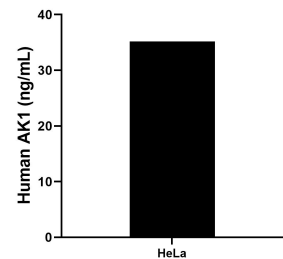
Selected Validation Data



Sandwich ELISA standard curve of MP02232-2, Human AK1 Recombinant Matched Antibody Pair - PBS only. 85979-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6890. 85979-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Human milk of six individual healthy human donors was measured. The human AK1 concentration of detected samples was determined to be 2.83 ng/mL with a range of 0.76 - 8.63 ng/mL



The mean AK1 concentration was determined to be 35.20 ng/mL in HeLa cell extract based on a 0.9 mg/mL extract load.