

For Research Use Only

# AK2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01927-3

## Capture Antibody Information

Catalog Number:

85406-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242899H7

Reactivity:

human, mouse, rat

Immunogen Catalog Number:

Ag1464

Conjugate:

Unconjugated

Full name:

adenylate kinase 2

Gene ID:

204

## Detection Antibody Information

Catalog Number:

85406-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242899B9

Reactivity:

human

GenBank:

BC009405

Immunogen Catalog Number:

Ag1464

Conjugate:

Unconjugated

Full name:

adenylate kinase 2

Gene ID:

204

## Applications

Tested Applications:

Sandwich ELISA

Range:

0.313-20 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

MP01927-3 targets AK2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: AK2 Recombinant antibody, PBS Only (Capture) 85406-3-PBS (242899H7). 100 µg. Concentration 1 mg/mL.

Detection antibody: AK2 Recombinant antibody, PBS Only (Detector) 85406-2-PBS (242899B9). 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:

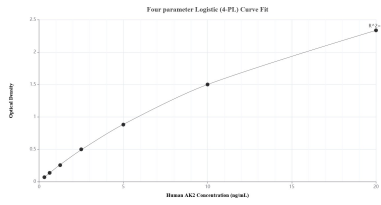
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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

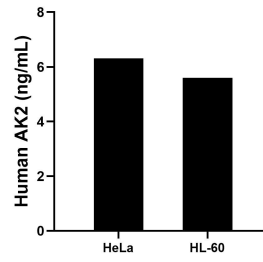
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP01927-3, Human AK2 Recombinant Matched Antibody Pair - PBS only. 85406-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1464. 85406-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean AK2 concentration was determined to be 6.31 ng/mL in HeLa cell extract based on a 2.10 mg/mL extract load and 5.60 ng/mL in HL-60 cell extract based on a 1.50 mg/mL extract load.