

CDK9 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00630-4

Capture Antibody Information

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|---|--|--|
| Catalog Number: 83662-6-PBS | Clone ID: 240600C6 | Conjugate: Unconjugated |
| Host: Rabbit | Reactivity: human | Full name: cyclin-dependent kinase 9 |
| Isotype: IgG | GenBank: BC001968 | Gene ID: 1025 |
| Purification Method: Protein A purification | Immunogen Catalog Number: Ag2318 | |

Detection Antibody Information

| | | |
|---|--|--|
| Catalog Number: 83662-2-PBS | Clone ID: 240600E3 | Conjugate: Unconjugated |
| Host: Rabbit | Reactivity: human | Full name: cyclin-dependent kinase 9 |
| Isotype: IgG | GenBank: BC001968 | Gene ID: 1025 |
| Purification Method: Protein A purification | Immunogen Catalog Number: Ag2318 | |

Applications

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| Tested Applications: Sandwich ELISA | Range: 31.3-2000 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

MP00630-4 targets CDK9 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CDK9 Recombinant antibody, PBS Only (Capture/Detector) 83662-6-PBS (240600C6). 100 µg. Concentration 1 mg/mL.

Detection antibody: CDK9 Recombinant antibody, PBS Only (Detector) 83662-2-PBS (240600E3). 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.

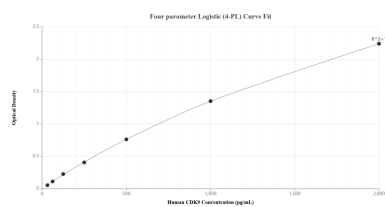
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

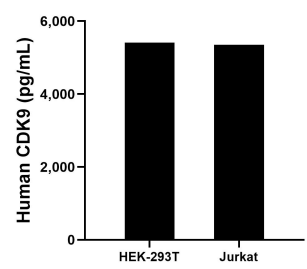
Storage

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 MP00630-4, Human CDK9 Recombinant Matched Antibody Pair - PBS only. 83662-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2318. 83662-2-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.



The mean CDK9 concentration was determined to be 5,413.5 pg/mL in HEK-293T cell extract based on a 5.8 mg/mL extract load and 5,349.7 Pg/mL in Jurkat cell extract based on a 1.5 mg/mL extract load.