

CKB Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00504-4**

Capture Antibody Information

Catalog Number: 83522-5-PBS	Clone ID: 240418D2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human, mouse, rat	Full name: creatine kinase, brain
Isotype: IgG	GenBank: BC001190	Gene ID: 1152
Purification Method: Protein A purification	Immunogen Catalog Number: Ag7285	

Detection Antibody Information

Catalog Number: 83522-6-PBS	Clone ID: 240418A5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: creatine kinase, brain
Isotype: IgG	GenBank: BC001190	Gene ID: 1152
Purification Method: Protein A purification	Immunogen Catalog Number: Ag7285	

Applications

Tested Applications: Sandwich ELISA	Range: 1.56-50 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

MP00504-4 targets CKB in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CKB Recombinant antibody, PBS Only (Capture) 83522-5-PBS (240418D2). 100 μ g. Concentration 1 mg/mL.

Detection antibody: CKB Recombinant antibody, PBS Only (Detector) 83522-6-PBS (240418A5). 100 μ g. 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.

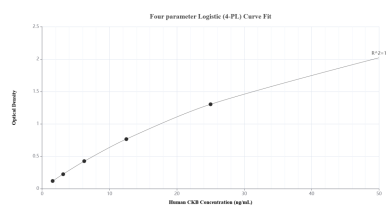
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

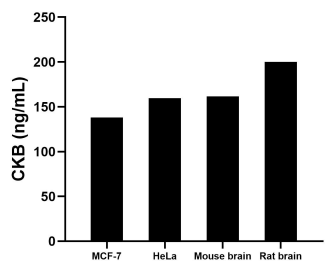
Storage

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 MP00504-4, Human CKB Recombinant Matched Antibody Pair - PBS only. 83522-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7285. 83522-6-PBS was HRP conjugated as the detection antibody. Range: 1.56-50 ng/mL



The mean CKB concentration was determined to be 138.08 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load, 159.52 ng/mL in HeLa cell extract based on a 1.30 mg/mL extract load, 161.58 ng/mL in mouse brain tissue extract based on a 6.60 mg/mL extract load and 200.17 ng/mL in rat brain tissue extract based on a 8.20 mg/mL extract load.