

# CAMKK2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02483-2**

## Capture Antibody Information

**Catalog Number:**  
82720-15-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251379E10  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag2093

**Conjugate:**  
Unconjugated  
**Full name:**  
calcium/calmodulin-dependent protein kinase kinase 2, beta  
**Gene ID:**  
10645

## Detection Antibody Information

**Catalog Number:**  
82720-12-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251379G11  
**Reactivity:**  
human  
**GenBank:**  
BC026060  
**Immunogen Catalog Number:**  
Ag2093

**Conjugate:**  
Unconjugated  
**Full name:**  
calcium/calmodulin-dependent protein kinase kinase 2, beta  
**Gene ID:**  
10645

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
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.

## Product Information

MP02483-2 targets CAMKK2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CAMKK2 Recombinant monoclonal antibody, PBS Only (Capture) 82720-15-PBS (251379E10). 100 µg. Concentration 1 mg/mL.

Detection antibody: CAMKK2 Recombinant monoclonal antibody, PBS Only (Capture/Detector) 82720-12-PBS (251379G11). 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

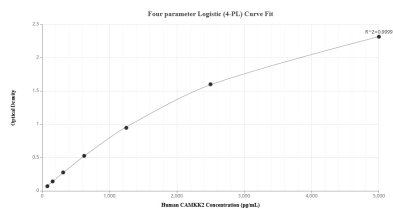
For technical support and original validation data for this product please contact:

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

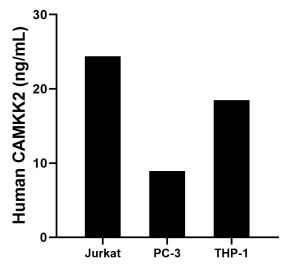
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Sandwich ELISA standard curve of MP02483-2, Human CAMKK2 Recombinant Matched Antibody Pair - PBS only. 82720-15-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2093. 82720-12-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean CAMKK2 concentration was determined to be 24.41 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load, 8.92 ng/mL in PC-3 cell extract based on a 1.3 mg/mL extract load and 18.47 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load.