

For Research Use Only

CAMKK2 Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number: 82720-12-PBS



Basic Information

Catalog Number: 82720-12-PBS	GenBank Accession Number: BC026060	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10645	CloneNo.: 251379G11
Source: Rabbit	UNIPROT ID: Q96RR4	
Isotype: IgG	Full Name: calcium/calmodulin-dependent protein kinase kinase 2, beta	
Immunogen Catalog Number: AG2093	Calculated MW: 588 aa, 60 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

82720-12-PBS targets CAMKK2 as part of a matched antibody pair:

MP02483-1: 82720-12-PBS capture and 82720-11-PBS detection (validated in Cytometric bead array)

MP02483-2: 82720-15-PBS capture and 82720-12-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

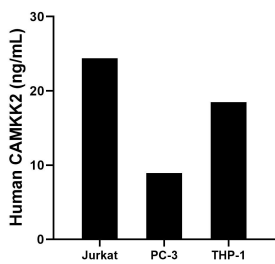
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

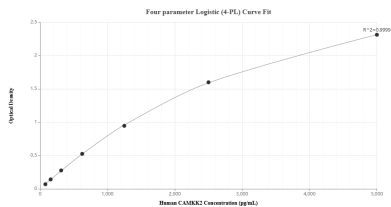
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

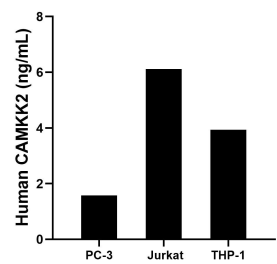
Selected Validation Data



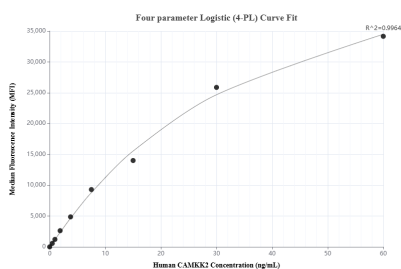
The mean CAMKK2 concentration was determined to be 24.41 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load, 8.92 ng/mL in PC-3 cell extract based on a 1.3 mg/mL extract load and 18.47 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load.



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 1.6 ng/mL in PC-3 cell extract based on a 1.1 mg/mL extract load, 6.1 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load, 3.9 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02483-1, CAMKK2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82720-12-PBS. Detection antibody: 82720-11-PBS. Standard: Ag2093. Range: 0.469-60 ng/mL