

For Research Use Only

CNN3 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86550-1-PBS



Basic Information

Catalog Number: 86550-1-PBS	GenBank Accession Number: BC025372	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 1266	CloneNo.: 251475H4
Isotype: IgG	UNIPROT ID: Q15417	
Immunogen Catalog Number: AG2068	Full Name: calponin 3, acidic	
	Calculated MW: 329 aa, 36 kDa	

Applications

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

Species Specificity:
human

Background Information

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, pH7.3

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

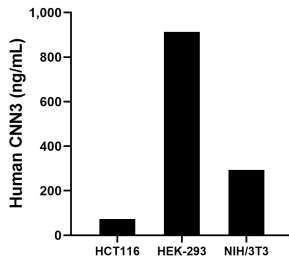
T: 4006900926

E: Proteintech-CN@ptglab.com

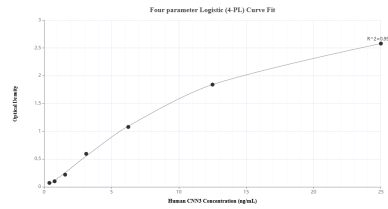
W: ptgcn.com

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

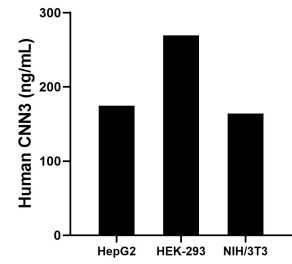
Selected Validation Data



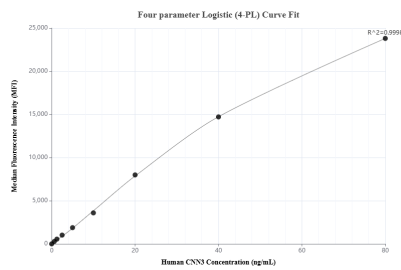
The mean CNN3 concentration was determined to be 73.47 ng/mL in HCT116 cell extract based on a 1.3 mg/mL extract load, 913.07 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load and 292.95 ng/mL in NIH/3T3 cell extract based on a 1.2 mg/mL extract load.



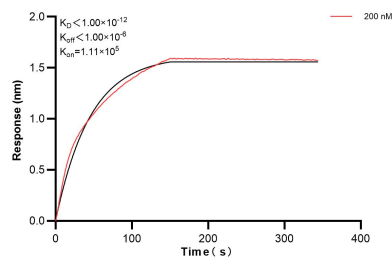
Sandwich ELISA standard curve of MP02515-1, Human CNN3 Recombinant Matched Antibody Pair - PBS only. 86550-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2068. 86550-1-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean CNN3 concentration was determined to be 176.6 ng/mL in HepG2 cell extract based on a 1.5 mg/mL extract load, 269.5 ng/mL in HEK-293 cell extract based on a 1.1 mg/mL extract load, 164.0 ng/mL in NIH/3T3 cell extract based on a 1.4 mg/mL extract load.



Cytometric bead array standard curve of MP02515-1, CNN3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86550-2-PBS. Detection antibody: 86550-1-PBS. Standard: Ag2068. Range: 0.625-80 ng/mL



Biolayer interferometry (BLI) kinetic assay of 86550-1-PBS against Human CNN3 was performed. The affinity constant is below 1 pM.