

For Research Use Only

CUL4B Recombinant antibody, PBS Only (Capture)

Catalog Number: 85001-1-PBS



Basic Information

Catalog Number: 85001-1-PBS	GenBank Accession Number: BC036216	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8450	CloneNo.: 242626A2
Source: Rabbit	UNIPROT ID: Q13620	
Isotype: IgG	Full Name: cullin 4B	
Immunogen Catalog Number: AG3563	Calculated MW: 913 aa, 104 kDa	

Applications

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

Species Specificity:
human

Product Information

85001-1-PBS targets CUL4B as part of a matched antibody pair:

MP01736-1: 85001-1-PBS capture and 85001-2-PBS detection (validated in Cytometric bead array, 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

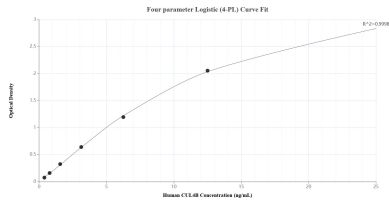
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

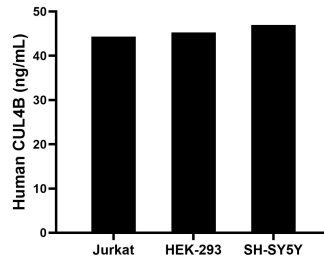
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

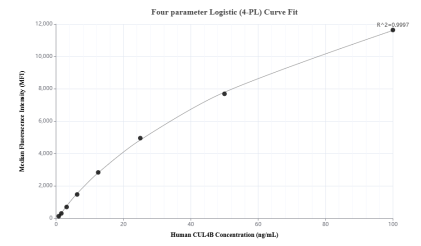
Selected Validation Data



Sandwich ELISA standard curve of MP01736-1, Human CUL4B Recombinant Matched Antibody Pair - PBS only. 85001-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3563. 85001-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean CUL4B concentration was determined to be 44.32 ng/mL in Jurkat cell extract based on a 1.60 mg/mL extract load, 45.27 ng/mL in HEK-293 cell extract based on a 2.70 mg/mL extract load and 46.93 ng/mL in SH-SY5Y cell extract based on a 3.20 mg/mL extract load.



Cytometric bead array standard curve of MP01736-1, CUL4B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85001-1-PBS. Detection antibody: 85001-2-PBS. Standard: Ag3563. Range: 0.781-100 ng/mL