

For Research Use Only

# CUL4B Recombinant antibody, PBS Only (Detector)

Catalog Number:85001-2-PBS



## Basic Information

<b>Catalog Number:</b> 85001-2-PBS	<b>GenBank Accession Number:</b> BC036216	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8450	<b>CloneNo.:</b> 242626D2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13620	
<b>Isotype:</b> IgG	<b>Full Name:</b> cullin 4B	
<b>Immunogen Catalog Number:</b> AG3563	<b>Calculated MW:</b> 913 aa, 104 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

85001-2-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

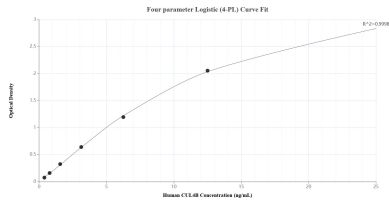
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

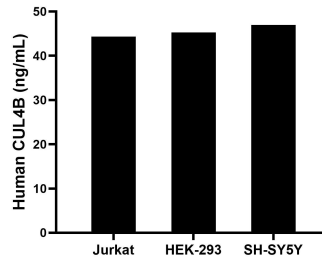
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

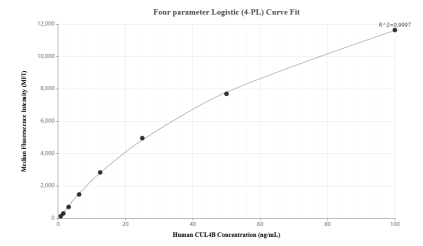
## Selected Validation Data



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