

For Research Use Only

CUL4B Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01736-1

Capture Antibody Information

Catalog Number:
85001-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242626A2

Reactivity:
human

Immunogen Catalog Number:
Ag3563

Conjugate:
Unconjugated

Full name:
cullin 4B

Gene ID:
8450

Detection Antibody Information

Catalog Number:
85001-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
242626D2

Reactivity:
human

GenBank:
BC036216

Immunogen Catalog Number:
Ag3563

Conjugate:
Unconjugated

Full name:
cullin 4B

Gene ID:
8450

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 ng/mL (Cytometric Bead Array)
0.391-25 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP01736-1 targets CUL4B in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: CUL4B Recombinant antibody, PBS Only (Capture) 85001-1-PBS (242626A2). 100 µg. Concentration 1 mg/mL.

Detection antibody: CUL4B Recombinant antibody, PBS Only (Detector) 85001-2-PBS (242626D2). 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

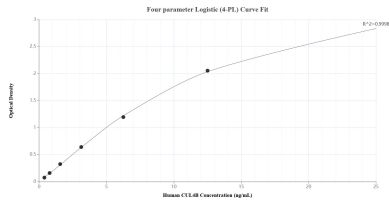
For technical support and original validation data for this product please contact:

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

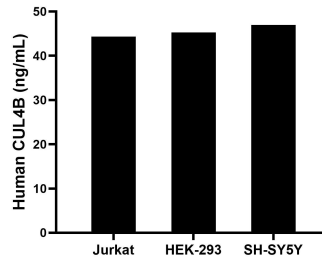
E: proteintech@ptglab.com
W: ptglab.com

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

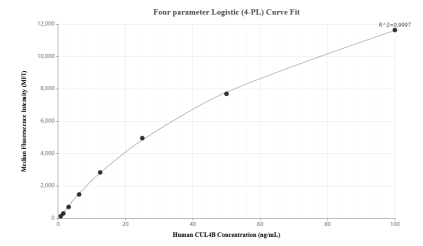
Selected Validation Data



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