For Research Use Only

YTHDC1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03589-1

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
88536-3-PBS

Clone ID:
261180F11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
YTH domain containing 1

Isotype:
IgG

Immunogen Catalog Number:
Ag31459

Gene ID:
91746

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88536-2-PBS

Clone ID:
261180F5

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
YTH domain containing 1

Isotype:
IgG

GenBank:
BC053863

Gene ID:
91746

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag31459

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.625-80 ng/mL (Cytometric Bead Array)
0.195-12.5 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

MP03589-1 targets YTHDC1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: YTHDC1 Recombinant monoclonal antibody, PBS Only (Capture) 88536-3-PBS (261180F11). 100 µg. Concentration 1 mg/ml.

Detection antibody: YTHDC1 Recombinant monoclonal antibody, PBS Only (Detector) 88536-2-PBS (261180F5). 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.

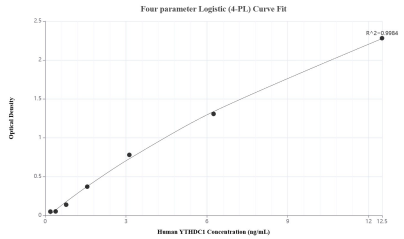
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

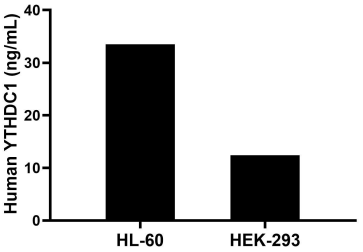
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

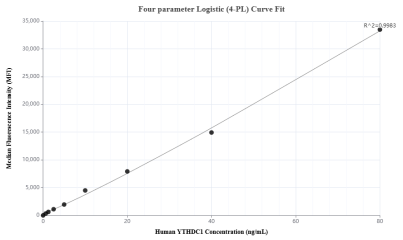
Selected Validation Data



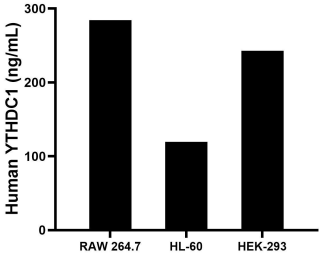
Sandwich ELISA standard curve of MP03589-1, Human YTHDC1 Recombinant Matched Antibody Pair - PBS only. 88536-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag31459. 88536-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.



The mean YTHDC1 concentration was determined to be 33.50 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 12.40 ng/mL in HEK-293 cell extract based on a 1.20 mg/mL extract load.



Cytometric bead array standard curve of MP03589-1, YTHDC1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88536-3-PBS. Detection antibody: 88536-2-PBS. Standard: Ag31459. Range: 0.625-80 ng/mL.



The mean YTHDC1 concentration was determined to be 284.2 ng/mL in RAW 264.7 cell extract based on a 1.2 mg/mL extract load, 119.4 ng/mL in HL-60 cell extract based on a 1.2 mg/mL extract load, 242.6 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load.