For Research Use Only

YTHDC1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88536-3-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
88536-3-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG31459

GenBank Accession Number:
BC053863

GeneID (NCBI):
91746

UNIPROT ID:
Q96MU7

Full Name:
YTH domain containing 1

Calculated MW:
85 kDa

Purification Method:
Protein A purification

CloneNo.:
261180F11

Applications

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

Species Specificity:
human

Product Information

88536-3-PBS targets YTHDC1 as part of a matched antibody pair:

MP03589-1: 88536-3-PBS capture and 88536-2-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.

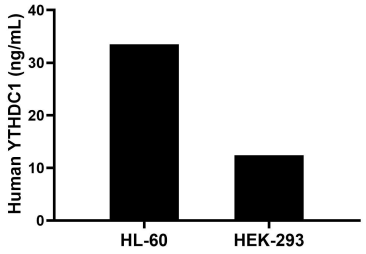
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

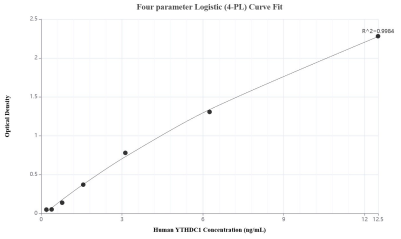
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

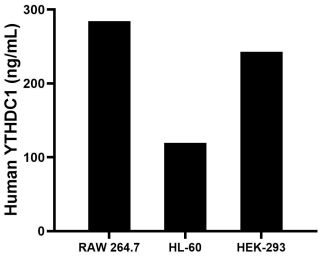
Selected Validation Data



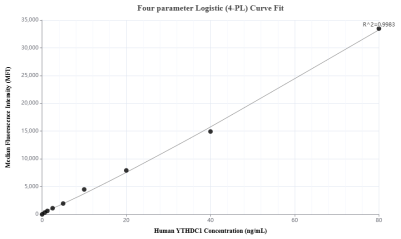
The mean YTHDC1 concentration was determined to be 33.50 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 12.40 ng/mL in HEK-293 cell extract based on a 1.20 mg/mL extract load.



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 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.



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.