For Research Use Only

HOPX Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03796-1

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
89193-2-PBS

Clone ID:
262110B5

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
HOP homeobox

Isotype:
IgG

Immunogen Catalog Number:
Ag1979

Gene ID:
84525

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
89193-1-PBS

Clone ID:
262110B4

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
HOP homeobox

Isotype:
IgG

GenBank:
BC014225

Gene ID:
84525

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag1979

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.156-20 ng/mL (Cytometric Bead Array)
78.1-5000 pg/mL (Sandwich ELISA)

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

Product Information

MP03796-1 targets HOPX in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: HOPX Recombinant monoclonal antibody, PBS Only (Capture) 89193-2-PBS (262110B5). 100 µg. Concentration 1 mg/ml.

Detection antibody: HOPX Recombinant monoclonal antibody, PBS Only (Detector) 89193-1-PBS (262110B4). 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.

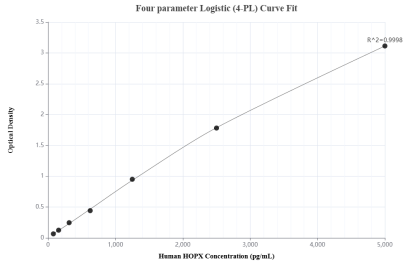
Storage

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

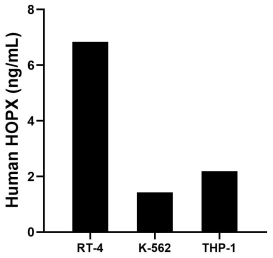
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

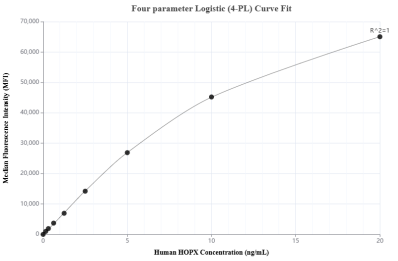
Selected Validation Data



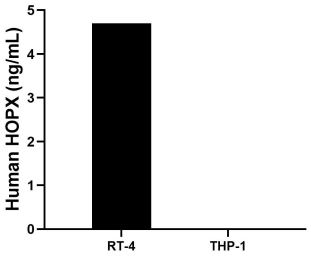
Sandwich ELISA standard curve of MP03796-1, Human HOPX Recombinant Matched Antibody Pair - PBS only. 89193-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1979. 89193-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean HOPX concentration was determined to be 6.84 ng/mL in RT-4 cell extract based on a 1.2 mg/mL extract load, 1.43 ng/mL in k-562 cell extract based on a 1.2 mg/mL extract load and 2.19 ng/mL in THP-1 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03796-1, HOPX Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 89193-2-PBS. Detection antibody: 89193-1-PBS. Standard: Ag1979. Range: 0.156-20 ng/mL



The mean HOPX concentration was determined to be 4.7 ng/mL in RT-4 cell extract based on a 1.2 mg/mL extract load, THP-1 cell extract were served as a negative control.