

MFI2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03370-1**

Capture Antibody Information

Catalog Number:
88127-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
260392B10

Reactivity:
human

Immunogen Catalog Number:
Eg9197

Conjugate:
Unconjugated

Full name:
antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5

Gene ID:
4241

Detection Antibody Information

Catalog Number:
88127-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
260392B9

Reactivity:
human

GenBank:
NM_005929.6

Immunogen Catalog Number:
Eg9197

Conjugate:
Unconjugated

Full name:
antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5

Gene ID:
4241

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.312-40 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

MP03370-1 targets MFI2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: MFI2 Recombinant monoclonal antibody, PBS Only (Capture) 88127-2-PBS (260392B10). 100 µg. Concentration 1 mg/mL.

Detection antibody: MELTF/CD228 Recombinant monoclonal antibody, PBS Only (Detector) 88127-3-PBS (260392B9). 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

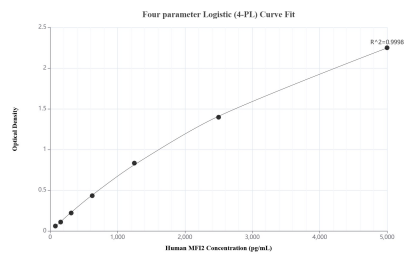
For technical support and original validation data for this product please contact:

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

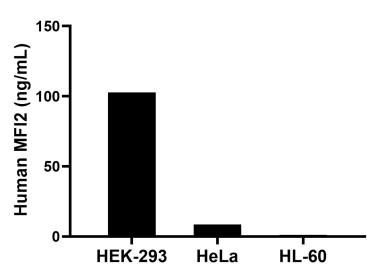
E: proteintech@ptglab.com
W: ptglab.com

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

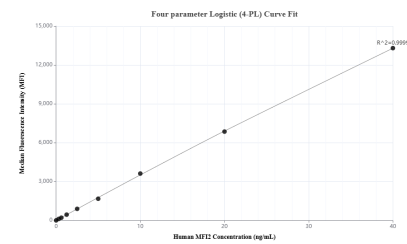
Selected Validation Data



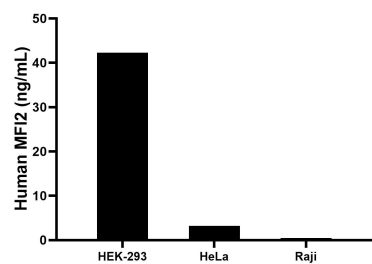
Sandwich ELISA standard curve of MP03370-1, Human MFI2 Recombinant Matched Antibody Pair - PBS only. 88127-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9197. 88127-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean MFI2 concentration was determined to be 102.73 ng/mL in HEK-293 cell extract based on a 1.50 mg/mL extract load, 8.59 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 1.26 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load.



Cytometric bead array standard curve of MP03370-1, MFI2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88127-2-PBS. Detection antibody: 88127-3-PBS. Standard: Eg9197. Range: 0.312-40 ng/mL



The mean MFI2 concentration was determined to be 42.3 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 3.2 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 0.5 ng/mL in Raji cell extract based on a 1.5 mg/mL extract load.