

MITF Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00746-2**

Capture Antibody Information

Catalog Number:
83803-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240815G9
Reactivity:
human
Immunogen Catalog Number:
Ag3679

Conjugate:
Unconjugated
Full name:
microphthalmia-associated transcription factor
Gene ID:
4286

Detection Antibody Information

Catalog Number:
83803-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240815B4
Reactivity:
human
GenBank:
BC012503
Immunogen Catalog Number:
Ag3679

Conjugate:
Unconjugated
Full name:
microphthalmia-associated transcription factor
Gene ID:
4286

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 ng/mL (Cytometric Bead Array)
0.313-20 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

MP00746-2 targets MITF in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: MITF Recombinant antibody, PBS Only (Capture) 83803-4-PBS (240815G9). 100 µg. Concentration 1 mg/mL.

Detection antibody: MITF Recombinant antibody, PBS Only (Capture/Detector) 83803-1-PBS (240815B4). 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

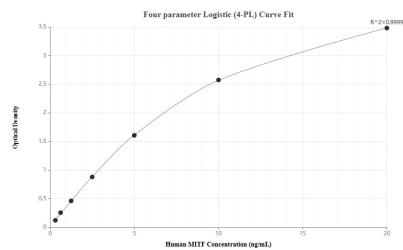
For technical support and original validation data for this product please contact:

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

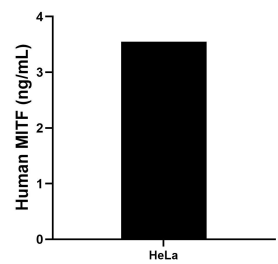
E: proteintech@ptglab.com
W: ptglab.com

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

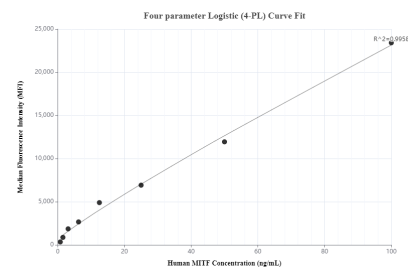
Selected Validation Data



Sandwich ELISA standard curve of MP00746-2, Human MITF Recombinant Matched Antibody Pair - PBS only. 83803-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3679. 83803-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean MITF concentration was determined to be 3.55 ng/mL in HeLa cell extract based on a 2.7 mg/mL extract load.



Cytometric bead array standard curve of MP00746-2, MITF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83803-4-PBS. Detection antibody: 83803-1-PBS. Standard: Ag3679. Range: 0.781-100 ng/mL