

For Research Use Only

MITF Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83803-1-PBS



Basic Information

Catalog Number:

83803-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3679

GenBank Accession Number:

BC012503

GeneID (NCBI):

4286

UNIPROT ID:

O75030

Full Name:

microphthalmia-associated
transcription factor

Calculated MW:

91 aa, 10 kDa, 59 kDa

Purification Method:

Protein A purification

CloneNo.:

240815B4

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

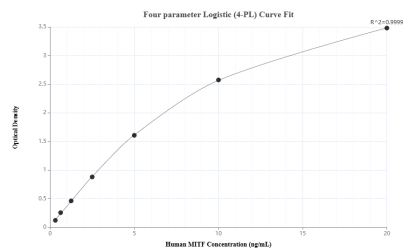
T: 4006900926

E: Proteintech-CN@ptglab.com

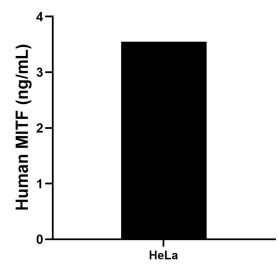
W: ptgcn.com

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

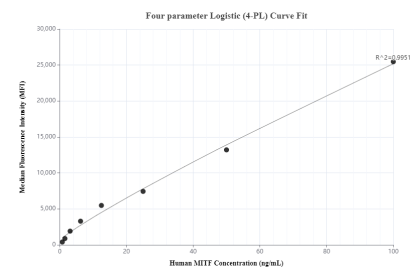
Selected Validation Data



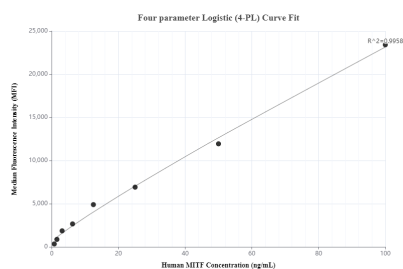
Sandwich ELISA standard curve of MP00746-2, Human MITF Recombinant Matched Antibody Pair - PBS only. 83803-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3679. 83803-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



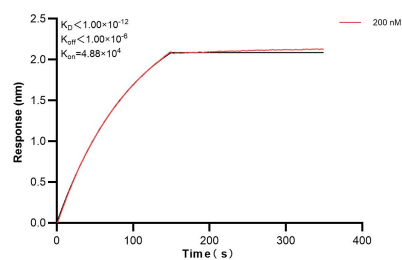
The mean MITF concentration was determined to be 3.55 ng/mL in HeLa cell extract based on a 2.7 mg/mL extract load.



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



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



Biolayer interferometry (BLI) kinetic assay of 83803-1-PBS against Human MITF was performed. The affinity constant is below 1 pM.