

For Research Use Only

TFB1M Recombinant monoclonal antibody

Catalog Number: 84957-4-RR



Basic Information

Catalog Number:

84957-4-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9785

GenBank Accession Number:

BC017788

GeneID (NCBI):

51106

UNIPROT ID:

Q8WVM0

Full Name:

transcription factor B1, mitochondrial

Calculated MW:

346 aa, 40 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

242524A10

Recommended Dilutions:

WB: 1:2000-1:10000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:250-1:1000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293T cells, HepG2 cells, K-562 cells

IP : HepG2 cells,

IHC : human colon cancer tissue,

Background Information

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

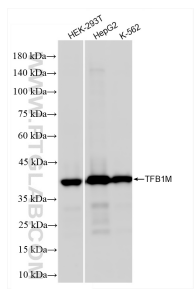
T: 4006900926

E: Proteintech-CN@ptglab.com

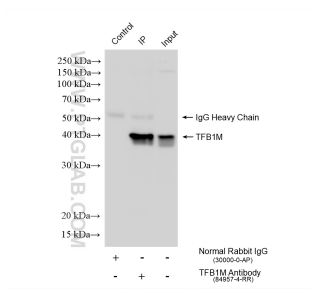
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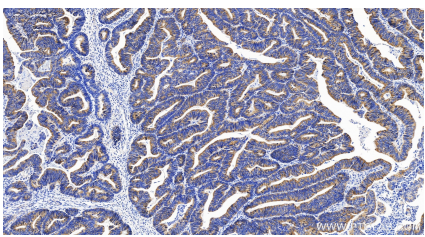
Selected Validation Data



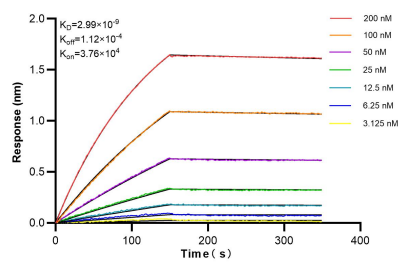
Various lysates were subjected to SDS PAGE followed by western blot with 84957-4-RR (TFB1M antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-TFB1M (IP:84957-4-RR, 4ug; Detection:84957-4-RR 1:1500) with HepG2 cells lysate 1600 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 84957-4-RR (TFB1M antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84957-4-RR against Human TFB1M were performed. The affinity constant is 2.99 nM.