

For Research Use Only

Haptoglobin Recombinant antibody

Catalog Number: 83702-5-RR



Basic Information

Catalog Number:

83702-5-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_017370.2

GeneID (NCBI):

15439

UNIPROT ID:

Q61646

Full Name:

haptoglobin

Calculated MW:

39kDa

Observed MW:

42 kDa

Purification Method:

Protein A purification

CloneNo.:

240785A1

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

mouse

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 : mouse serum, mouse lung tissue

IHC : mouse liver tissue,

Background Information

Neutrophils contained a large amount of highly glycosylated Hp (β -chain 45-65 kDa) synthesized in neutrophil precursors and stored in specific granules and a small amount of Hp (β -chain 39 kDa) endocytosed from plasma and stored in secretory vesicles (PMID: 16543473).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

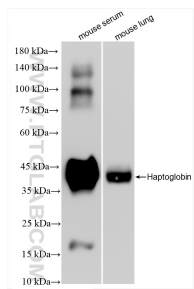
T: 4006900926

E: Proteintech-CN@ptglab.com

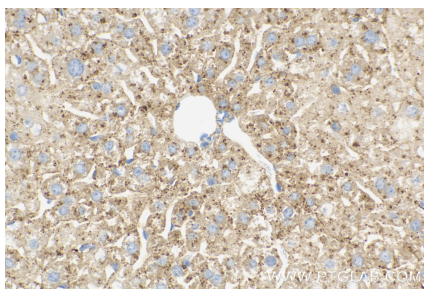
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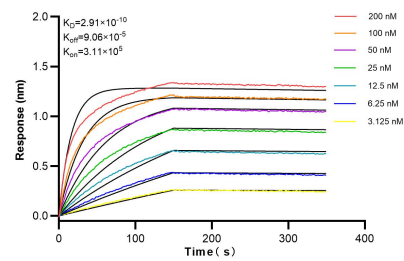
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83702-5-RR (Haptoglobin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 83702-5-RR (Haptoglobin antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83702-5-RR against Mouse Haptoglobin were performed. The affinity constant is 0.291 nM.