

For Research Use Only

Mouse Haptoglobin Recombinant antibody, PBS Only

Catalog Number: 83702-5-PBS



Basic Information

Catalog Number:

83702-5-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

mouse

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 -80°C .

Storage Buffer:

PBS Only

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

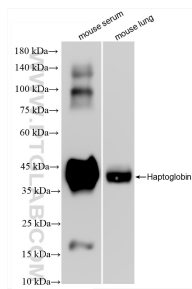
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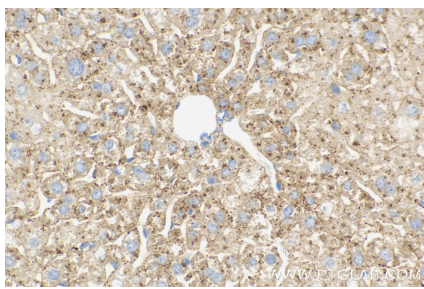
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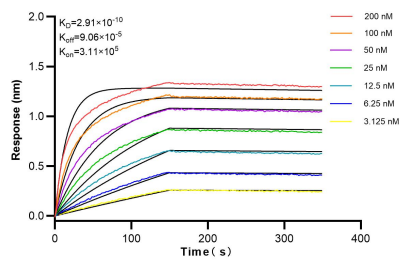
Selected Validation Data



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. This data was developed using the same antibody clone with 83702-5-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83702-5-PBS in a different storage buffer formulation.



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