For Research Use Only

Hemopexin Recombinant monoclonal antibody, PBS Only

Catalog Number:86395-3-PBS

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Basic Information

Catalog Number:
86395-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3082

GenBank Accession Number:
NM_000613.2

GeneID (NCBI):
3263

UNIPROT ID:
P02790

Full Name:
hemopexin

Calculated MW:
52 kDa

Observed MW:
65-75 kDa

Purification Method:
Protein A purification

CloneNo.:
250345E5

Applications

Tested Applications:
WB, FC (Intra), Indirect ELISA

Species Specificity:
human

Background Information

Hemopexin (HPX) is the plasma protein responsible for scavenging heme, thus preventing heme-mediated oxidative stress and heme-bound iron loss. In addition, hemopexin blocks heme activation of immune receptors and vascular inflammatory processes. It is mainly expressed in liver, the synthesis of which is induced after inflammation. Alterations of plasma hemopexin level have been linked to disorders like atherosclerosis and inflammatory diseases.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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
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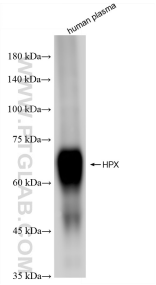
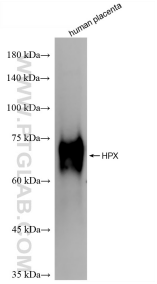
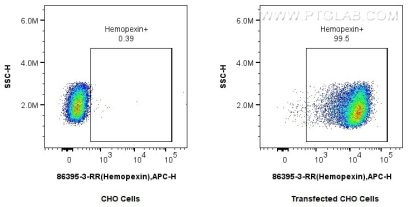
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 86395-3-RR (HPX antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86395-3-PBS in a different storage buffer formulation.



human placenta tissue were subjected to SDS PAGE followed by western blot with 86395-3-RR (HPX antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86395-3-PBS in a different storage buffer formulation.



1x10^6 CHO cells or Transfected CHO cells were intracellularly stained with 0.25 ug Hemopexin Recombinant monoclonal antibody (86395-3-RR, Clone:250345E5) and CoraLite647-conjugated F(ab')2 Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 86395-3-PBS in a different storage buffer formulation.