

For Research Use Only

Hemopexin Recombinant monoclonal antibody

Catalog Number: 86395-3-RR



Basic Information

Catalog Number:

86395-3-RR

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

Recommended Dilutions:

WB: 1:5000-1:50000

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : human placenta tissue, human plasma

FC (Intra) : Transfected CHO,

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 -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:

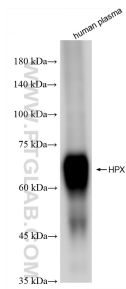
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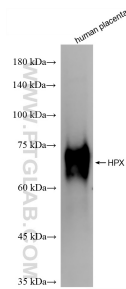
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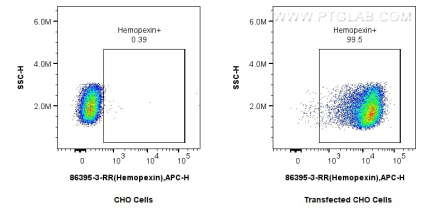
Selected Validation Data



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.



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.



1×10^6 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.