

For Research Use Only

CoraLite® Plus 488-conjugated Hemopexin Monoclonal antibody



Catalog Number: CL488-66479

Basic Information

Catalog Number:

CL488-66479

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8533

GenBank Accession Number:

BC005395

GeneID (NCBI):

3263

UNIPROT ID:

P02790

Full Name:

hemopexin

Calculated MW:

254 aa, 29 kDa

Observed MW:

65-75 kDa

Purification Method:

Protein G purification

CloneNo.:

3A9D6

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

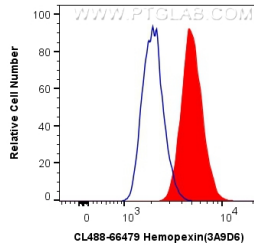
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 HepG2 cells were intracellularly stained with 0.8 μ g CoraLite® Plus 488 Anti-Human Hemopexin (CL488-66479, Clone:3A9D6) (red), or 0.8 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).