

For Research Use Only

# CoraLite® Plus 488-conjugated Hemopexin Monoclonal antibody



Catalog Number: CL488-66479

## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>CL488-66479                          | <b>GenBank Accession Number:</b><br>BC005395 | <b>Purification Method:</b><br>Protein G purification             |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>3263                | <b>CloneNo.:</b><br>3A9D6   |
| <b>Source:</b><br>Mouse  | <b>UNIPROT ID:</b><br>P02790                 | <b>Excitation/Emission maxima wavelengths:</b><br>493 nm / 522 nm |
| <b>Isotype:</b><br>IgG1  | <b>Full Name:</b><br>hemopexin               |   |
| <b>Immunogen Catalog Number:</b><br>AG8533                     | <b>Calculated MW:</b><br>254 aa, 29 kDa      |   |
|  | <b>Observed MW:</b><br>65-75 kDa             |   |

## 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.

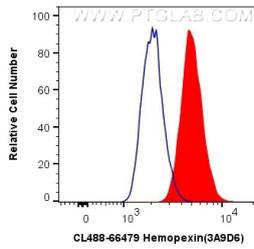
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



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