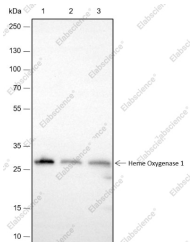
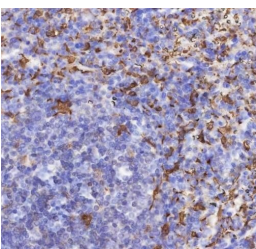
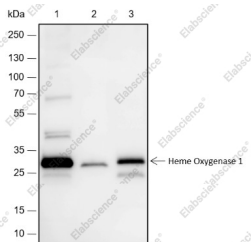
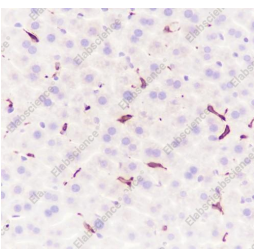


Recombinant Heme Oxygenase 1 Monoclonal Antibody

catalog number: **AN301794L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Heme Oxygenase 1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111416
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
WB	1:2000-1:20000
IHC	1:1000-1:2000
IF	1:50
FCM	1:50-1:100
IP	1:25-1:100

Data	
 <p>Western Blot with Heme Oxygenase 1 Monoclonal Antibody at dilution of 1:20000. Lane 1: HeLa, Lane 2: MCF-7, Lane 3: HepG2 Observed-MW:32 kDa Calculated-MW:32 kDa</p>  <p>Immunohistochemistry of paraffin-embedded Human spleen using Heme Oxygenase 1 Monoclonal Antibody at dilution of 1:1000.</p>	 <p>Western Blot with Heme Oxygenase 1 Monoclonal Antibody at dilution of 1:20000. Lane 1: NIH/3T3, Lane 2: BRL, Lane 3: Mouse kidney Observed-MW:32 kDa Calculated-MW:32 kDa</p>  <p>Immunohistochemistry of paraffin-embedded Mouse liver using Heme Oxygenase 1 Monoclonal Antibody at dilution of 1:2000.</p>

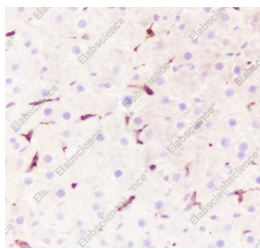
For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

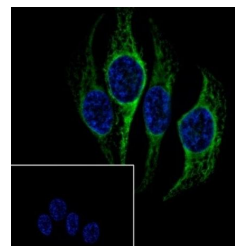
Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

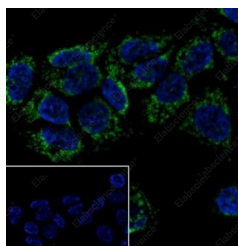
Rev. V1.3



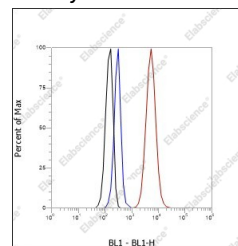
Immunohistochemistry of paraffin-embedded Rat liver using Heme Oxygenase 1 Monoclonal Antibody at dilution of 1:2000.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HeLa cells using anti-Heme Oxygenase 1 Monoclonal Antibody at dilution of 1:50.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed MCF7 cells using anti-Heme Oxygenase 1 Monoclonal Antibody at dilution of 1:50.



Flow cytometric analysis of human Heme Oxygenase 1 expression on HeLa cells. Cells were stained with purified anti-Human Heme Oxygenase 1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Heme oxygenase 1 cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed.