

Heme Oxygenase Antibody FITC Conjugated

Catalog No: #C03934F

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Heme Oxygenase Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human Heme Oxygenase 1
Conjugates	FITC
Target Name	Heme Oxygenase 1, Heme Oxygenase 2
Other Names	HO-1; HSP32; HMOX1D; bK286B1; Heme oxygenase 1; HMOX1; HO; HO1
Accession No.	Swiss-Prot#P09601NCBI Gene ID3162
Uniprot	P09601
GeneID	3162;
Excitation Emission	494nm 518nm
Cell Localization	Membrane bound
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Heme oxygenase 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. Exhibits cytoprotective effects since excess of free heme sensitizes cells to undergo apoptosis.

Note: This product is for in vitro research use only