

产品名称: Heme Oxygenase 1 (1F4) Rabbit Monoclonal Antibody
产品货号: AMRe11973



产品概述 (Summary)

产品名称 (Production Name)	Heme Oxygenase 1 (1F4) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, FC, IP
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HMOX1
别名 (Alternative Names)	HO-1; HSP32; HMOX1;
基因 ID (Gene ID)	3162.0
蛋白 ID (SwissProt ID)	P09601.A synthetic peptide of human Heme Oxygenase 1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000, ICC/IF 1:100-1:200, FC 1:100-1:200, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	33kDa

研究背景 (Background)

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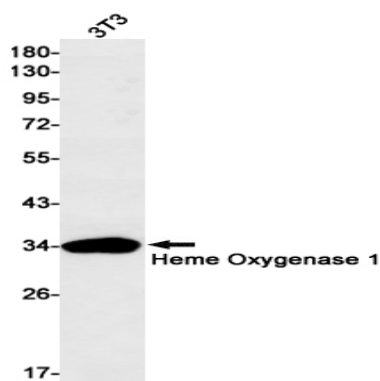


Hemeoxygenase (HO) is the rate-limiting enzyme in the catabolism of heme that results in the release of carbon monoxide, iron, and biliverdin. The products of this enzymatic reaction play important biological roles in antioxidant, anti-inflammatory and cytoprotective functions. Hemeoxygenase comprises two isozymes, including the constitutively expressed HO-2 isozyme and the inducible HO-1 isozyme. 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.

研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Western blot detection of Heme Oxygenase 1 in 3T3 cell lysates using Heme Oxygenase 1 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .