



产品详情

HO-1(3R15)Rabbit Monoclonal Antibody

产品货号	产品名称	储存条件	保质期
IM68699	HO-1(3R15)Rabbit Monoclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM68699
别名	Heme oxygenase 1 (HO-1) (EC1. 14. 99. 3) ;HO;H01
产品名称	HO-1(3R15)Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	HMOX1
蛋白名称	HO-1
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, IP, ELISA
反应种属	Human, Mouse, Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	3162
Human Swissprot No.	P09601
Mouse Gene ID	15368
Mouse Swissprot No.	P14901
Rat Gene ID	24451

Rat Swissprot No.	P06762
稀释度	IHC-P1:2000-1:10000, WB1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000- 1:20000, IP 1:50-1:200
参考分子量	33kDa
预测分子量	33kDa
运输及保存条件	-20℃/1 year (Do not lower than -25℃)
宿主	Rabbit
同种型	Monoclonal, rabbit, IgG, Kappa
背景介绍	Heme oxygenase 1 (HMOX1) Homo sapiens Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonheme substances. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family. [provided by RefSeq, Jul 2008].
功能	Catalytic activity: $\text{Heme} + 3 \text{ AH}(2) + 3 \text{ O}(2) = \text{biliverdin} + \text{Fe}(2+) + \text{CO} + 3 \text{ A} + 3 \text{ H}(2)\text{O}$. function: 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. induction: Heme oxygenase 1 activity is highly inducible by its substrate heme and by various non-heme substances such as heavy metals, bromobenzene, endotoxin, oxidizing agents and UVA.

功能	similarity:Belongs to the heme oxygenase family.
纯化	Protein A
Clonality	Monoclonal

注意事项:

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