

Basic Information

Product Name	Anti-HO-1/HMOX1 Antibody	
Gene Name	HMOX1	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	human, mouse	
Tested Application	WB, IHC, IP, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.	
Immunogen	A synthesized peptide derived from human Heme Oxygenase 1	
concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	33KD	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:20-100 Immunoprecipitation: 1:20 Flow cytometry (FCM): 1:20	

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

HMOX1 (heme oxygenase (decycling) 1), also known as HO-1, is a human gene that encodes for the enzyme heme oxygenase 1. It is an essential enzyme in heme catabolism, it cleaves heme to form biliverdin. HMOX1 belongs to the heme oxygenase family. The HMOX1 gene is located on the long (q) arm of chromosome 22 at position 12.3, from base pair 34,101,636 to base pair 34,114,748. HMOX1, 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. HMOX1 activity is induced by its substrate heme and by various nonheme substances.

Reference

Anti-HO-1/HMOX1 Antibody被引用在3文献中。

Product datasheet

Anti-HO-1/HMOX1 Antibody

Catalog Number: **BM4010**

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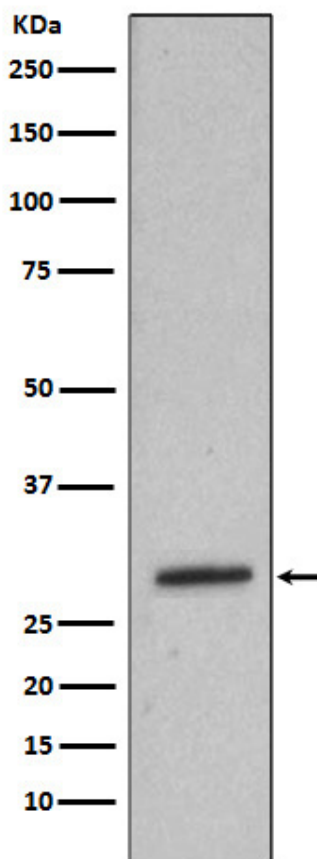
antibody and ELISA experts

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Selected Validation Data



Western blot analysis of Heme Oxygenase 1 in mouse spleen lysate.