

[KD Validated] Heme Oxygenase 1 (HO-1/HMOX1) Rabbit mAb

Catalog No.: A19062 Recombinant 64 Publications

Basic Information

Observed MW

33kDa

Calculated MW

33kDa

Category

Primary antibody

Applications

WB, IF-P, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Clone/No. number

ARC53508

Background

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.

Recommended Dilutions

WB	1:2000 - 1:10000
IF-P	1:50 - 1:200
IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3162

Swiss Prot

P09601

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HO-1; HSP32; HMOX1D; bK286B10

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

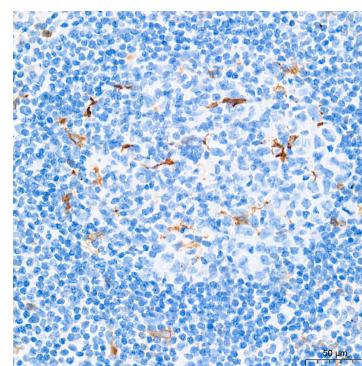
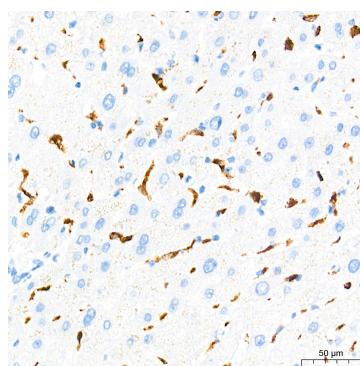
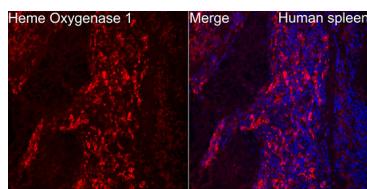
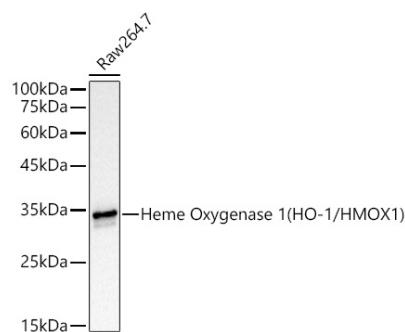
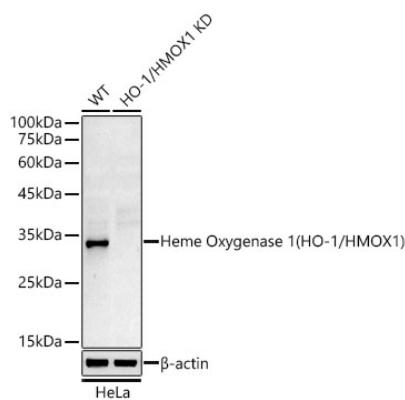
Affinity purification

Storage

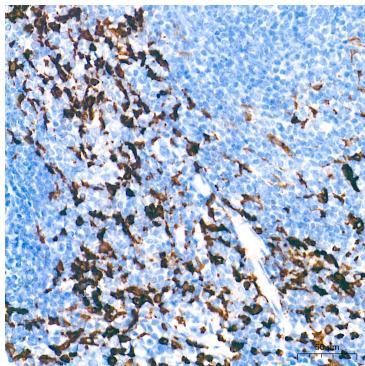
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using [KD Validated] Heme Oxygenase 1 (HO-1/HMOX1) Rabbit mAb (A19062) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.