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Anti-HMOX1 / HO-1 Antibody (clone 5F12-B10)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17612

Specification

Anti-HMOX1 / HO-1 Antibody (clone 5F12-B10) - Product Information

Application	**WB, IHC-P, Flo**
Primary Accession	P09601
Predicted	**Human, Mouse, Rat, Bovine, Dog**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**32819**

Anti-HMOX1 / HO-1 Antibody (clone 5F12-B10) - Additional Information

Gene ID 3162

Alias Symbol	**HMOX1**

Other Names
HMOX1, BK286B10, HO-1, HSP32, Heat shock protein, 32-kD, Heme oxygenase (decycling) 1, Heme oxygenase 1, HO1

Reconstitution & Storage
Protein G purified

Precautions
Anti-HMOX1 / HO-1 Antibody (clone 5F12-B10) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HMOX1 / HO-1 Antibody (clone 5F12-B10) - Protein Information

Name HMOX1

Synonyms HO, HO1

Function
[Heme oxygenase 1]: Catalyzes the oxidative cleavage of heme at the alpha-methene bridge carbon, released as carbon monoxide (CO), to generate biliverdin IXalpha, while releasing the central heme iron chelate as ferrous iron (PubMed:7703255, PubMed:11121422, PubMed:19556236). Affords protection against programmed cell death and this cytoprotective effect relies on its ability to catabolize free heme and prevent it from sensitizing cells to undergo apoptosis (PubMed:20055707).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type IV membrane protein; Cytoplasmic side

Tissue Location
Expressed at higher levels in renal cancer tissue than in normal tissue (at protein level)

Anti-HMOX1 / HO-1 Antibody (clone 5F12-B10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-HMOX1 / HO-1 Antibody (clone 5F12-B10) - Images