

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, FC
Primary Accession	P09601
Predicted	Human, Mouse, Rat, Bovine, Dog
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	32819
Dilution	WB~~1:1000 IHC-P~~N/A FC~~1:10~50

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:[11121422](http://www.uniprot.org/citations/11121422)), PubMed:[19556236](http://www.uniprot.org/citations/19556236)), PubMed:[7703255](http://www.uniprot.org/citations/7703255)). 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:[11121422](http://www.uniprot.org/citations/11121422)).

href="http://www.uniprot.org/citations/20055707" target="_blank">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 Cytometry](#)
- [Cell Culture](#)

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