

Anti-HMOX1 / HO-1 Antibody (clone 5C6)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18180**Specification**

Anti-HMOX1 / HO-1 Antibody (clone 5C6) - Product Information

Application	WB, IHC-P, E
Primary Accession	P09601
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	32819

Anti-HMOX1 / HO-1 Antibody (clone 5C6) - 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

Target/Specificity

Human HMOX1 / HO-1

Reconstitution & Storage

Protein A purified

Precautions

Anti-HMOX1 / HO-1 Antibody (clone 5C6) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HMOX1 / HO-1 Antibody (clone 5C6) - 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 5C6) - 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 5C6) - Images