

## HMOX1 monoclonal antibody

Catalog: MB23278

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

32.8kDa

### Swiss-Prot:

P09601

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

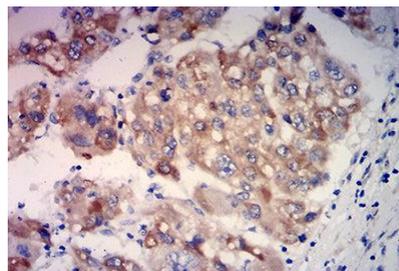
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

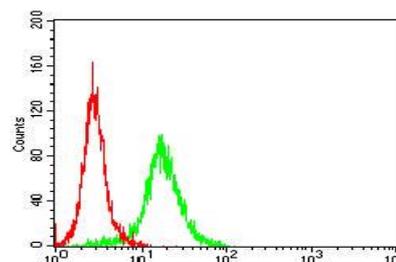
### Isotype:

Mouse IgG1

### DATA:



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using HMOX1 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using HMOX1 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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