

## HO1/HMOX1 Monoclonal Antibody(Detector)

**catalog number: AN002220P**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

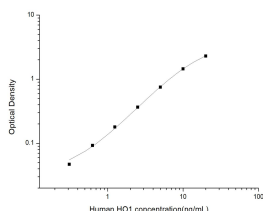
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human HO1/HMOX1 protein expressed by E.coli
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b
<b>Clone</b>	11F6
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications Recommended Dilution

<b>ELISA Detector</b>	0.1-0.4 µg/mL
-----------------------	---------------

### Data



Sandwich ELISA-Recombinant Human HO1/HMOX1 protein standard curve. Background subtracted standard curve using HO1/HMOX1 antibody(AN002210P) (Capture), HO1/HMOX1 antibody(AN002220P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human HO1/HMOX1 protein is 0.31-20 ng/mL.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### 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.

### For Research Use Only