

# HIF-1 $\alpha$ Mouse Monoclonal Antibody(Mix-mA)

Catalog No.: RA10306

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	120KD

### Applications

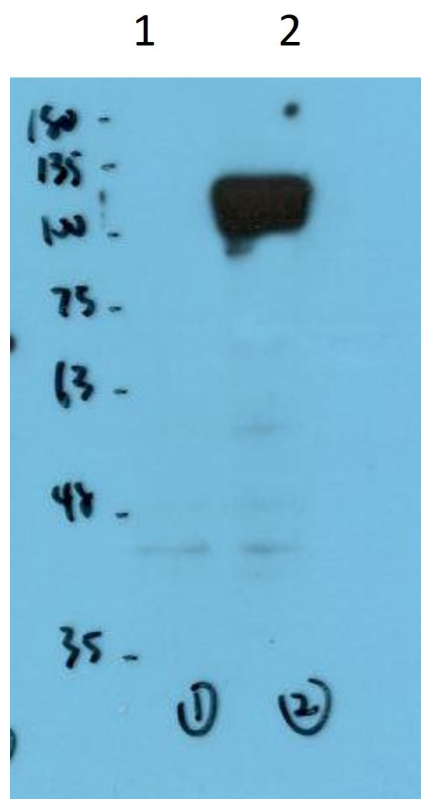
### Recommended Dilution

WB	1:1,000-2,000
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## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 1)HepG2 Cell, 2)HepG2 Treated with CoCl<sub>2</sub> (100 μM, 4h) cell Lysate using HIF-1α Mouse Monoclonal mAb diluted at 1:2,000.

## Background

Hypoxia-inducible factor 1- $\alpha$ , also known as HIF-1- $\alpha$ , is a protein that in humans is encoded by the HIF1A gene. HIF-1- $\alpha$  is found in mammalian cells growing at low oxygen concentrations. It plays an essential role in cellular and systemic responses to hypoxia.