

## HIF-1 a Mouse Monoclonal Antibody(Mix-mA)

Catalog TDY1053C TDY1053F Tel: 010-80117836

Web: www.tdybio.com

Quantity 50µL 100µL Entrez-Gene ID:3091, Swiss-Prot Acc.Q16665

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H, R, M	120KD	lgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at -20°C. Do not aliquot the antibody.

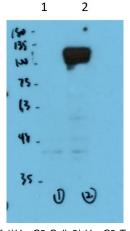
Recommended dilutions: WB: 1:1,000-2,000

Optimal dilutions should be determined by the end user.

**Specificity:** The HIF-1 a Antibody can detects endogenous HIF-1 a proteins.

Alternative Names: Hypoxia inducibel factor 1 alpha, HIF1A, ARNT, MOP1, PAS domain-containing protein 8, PASD8

**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 found in mammalian cells growing at low oxygen concentrations. It plays an essential role in cellular and systemic responses to hypoxia.



Western blot analysis of 1)HepG2 Cell, 2) HepG2 Treated with CoCl2 (100  $\mu$ M, 4h) cell Lysate using HIF-1 $\alpha$  (TDY1053) Mouse Monoclonal mAb diluted at 1:2,000.