

HIF-1 α Mouse Monoclonal Antibody(Mix-mA)

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|----------|------------|-------------|---|
| Catalog | TDY1053C | TDY1053F | Tel: 010-80117836 |
| | | | Web: www.tdybio.com |
| Quantity | 50 μ L | 100 μ L | Entrez-Gene ID:3091 , Swiss-Prot Acc.Q16665 |

For research use only.

| Applications | Species Cross-Reactivity | Molecular Weight | Isotype |
|--------------|--------------------------|------------------|---------|
| WB | H, R, M | 120KD | IgG1 |

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 α Antibody can detects endogenous HIF-1 α proteins.

Alternative Names: Hypoxia inducible 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 μ M, 4h) cell Lysate using HIF-1 α (TDY1053) Mouse Monoclonal mAb diluted at 1:2,000.