

## HIF-1 $\alpha$ Mouse Monoclonal Antibody(5B1)

Catalog TDY1090C TDY1090F

Tel: 010-80117836

Web: [www.tdybio.com](http://www.tdybio.com)

Quantity 50 $\mu$ L 100 $\mu$ L

Entrez-Gene ID:3091 , Swiss-Prot Acc.Q16665

**For research use only.**

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

**Storage Buffer & Condition:** Antigen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

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

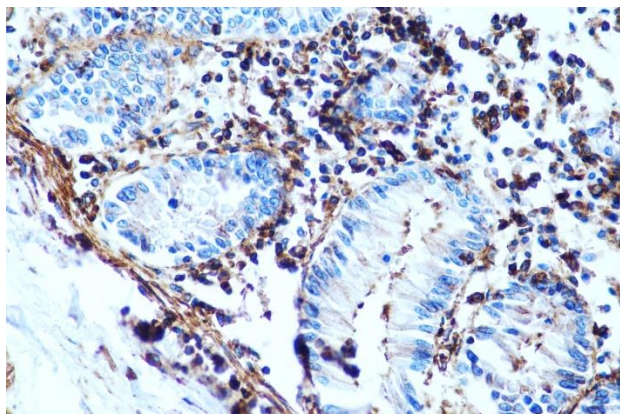
**Recommended dilutions:** IHC: 1:200-500

**Optimal dilutions should be determined by the end user.**

**Specificity:** The HIF-1  $\alpha$  Antibody can detects endogenous HIF-1  $\alpha$  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.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using HIF-1 $\alpha$  (TDY1090) Mouse Monoclonal antibody diluted at 1:200.