

HIF-1 α Mouse Monoclonal Antibody(5B1)

Catalog No: RA10339

Basic Information

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|--------------------------|---|
| Host species | Mouse |
| Applications | IHC |
| Species Cross-Reactivity | H, R, M |
| Specificity | The HIF-1 α Antibody can detects endogenous HIF-1 α proteins. |
| Recommended dilutions | IHC: 1:200-500 Optimal dilutions should be determined by the end user. |

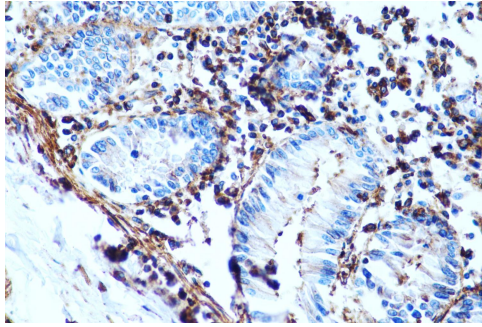
Applications

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| Formulation | Antigen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Concentration | 1 mg/ml |
| Clonality | Monoclonal |

Background

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|-------------------------|---|
| Alternative Names | Hypoxia inducible factor 1 alpha, HIF1A, ARNT, MOP1, PAS domain-containing protein 8, PASD8 |
| Observed band | 120 |
| Human Gene ID | 3091 |
| Human Swiss-Prot Number | Q16665 |
| 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. |

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using HIF-1 α Mouse Monoclonal antibody diluted at 1:200.