

<b>Cat. No:</b>	MAB-94581
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	1A3
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Ms
<b>Isotype:</b>	IgG1
<b>Immunogen:</b>	Purified recombinant fragment of human HIF-1alpha expressed in E. Coli
<b>Reactivity:</b>	Hu, Ms, Sm
<b>Applications:</b>	Western Blot: 1:500-1:2000 Immunohistochemistry: 1:200-1:1000 Immunofluorescence: 1:200-1:1000 ELISA: 1:10000
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	Hypoxia-inducible factor 1-alpha HIF-1-alpha HIF1-alpha ARNT-interacting protein Basic-helix-loop-helix-PAS protein MOP1 Class E basic helix-loophelix protein 78 bHLHe78 Member of PAS protein 1 PAS domain-c
<b>Background:</b>	Specificity: HIF-1alpha Monoclonal Antibody detects endogenous levels of HIF-1alpha protein. Tissue Specificity: Expressed in most tissues with highest levels in kidney and heart. Overexpressed in the majority of common human cancers and their metastases, due to the presence of intratumoral hypoxia and as a result of mutations in genes encoding oncoproteins and tumor suppressors. A higher level expression seen in pituitary tumors as compared to the pituitary gland.
<b>Form:</b>	Liquid
<b>Buffer:</b>	Ascitic fluid containing 0.03% sodium azide.
<b>Storage:</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.

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