

Monoclonal Mouse Antibody to HIF-1 alpha (Hypoxia-Inducible Factor-1 alpha)

Catalog No.:	Mob 311, Mob 311-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with hHIF-1 \square (aa 530-826) protein.
Clone:	OZ12
Isotype:	IgG1/k
Format:	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.
Applications:	This antibody may be used for Gel Supershift, Western Blotting (1:100-500), and Immunofluorescence .
Protocol:	The end user should determine the optimal dilution for a particular application.
Specificity:	This antibody is specific to a 120 kD protein HIF-1 which is a heterodimer consisting of an alpha and a beta subunits. HIF-1 is a key component of a widely operative transcriptional response activated by hypoxia, cobaltous ions, and iron chelation. HIF-1 activates transcription of hypoxia-inducible genes.
Positive Control:	Mammalian cells
Cellular Localization:	Nuclear
Storage:	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.
References:	i) Arany et al. Proc Natl Acad Sci USA 93: 12969, 1996. ii) Huang et al. Kidney Intl 51 (2): 548, 1997. iii) Huang et al. J Biol Chem 71: 32253, 1996. iv) Semenza et al. Kidney Intl 51 (2): 553, 1997.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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