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# TECHNICALLY Speaking

Place your order with CEDARLANE® or your local distributor.  
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## Mouse Anti-Human HIF-1 alpha (Hypoxia Inducible Factor-1 alpha) Monoclonal Antibody

CLSG36742  
CLSG36742-05  
Lot:

<b>Immunogen:</b>	BALB/C mice were injected with hHIF-1alpha (aa 530-826) protein.
<b>Clone:</b>	OZ12
<b>Isotype:</b>	IgG1/k
<b>Format:</b>	1 ml (CLSG36742) or 0.5 ml (CLSG36742-05) purified immunoglobulin fraction containing sodium azide as preservative.
<b>Applications:</b>	This antibody may be used for Gel Supershift, Western Blotting (1:100-500) and Immunofluorescence
<b>Protocol:</b>	The end user should determine the optimal dilution for a particular application.
<b>Positive Control:</b>	Mammalian cells
<b>Cellular Localization:</b>	Nuclear
<b>Specificity:</b>	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.
<b>Storage:</b>	Store the antibody at 2-8° c. Do not use it beyond the expiration date stated on the label.
<b>References:</b>	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.

*Continued Overleaf...*

For more information or to place an order please contact...

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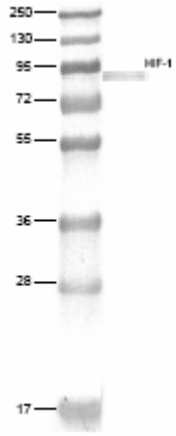


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Western blot analysis of human lung cell extract with HIF-1 (CLSG36742) antibody.

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