

# Product Datasheet

## HIF-1 alpha Antibody (H1alpha 67-7) - BSA Free NB100-130SS

Unit Size: 0.025 ml

Store at 4C. Do not freeze.

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### Publications: 1

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**NB100-130SS**

HIF-1 alpha Antibody (H1alpha 67-7) - BSA Free

**Product Information**

<b>Unit Size</b>	0.025 ml
<b>Concentration</b>	1.5 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	H1alpha 67-7
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	93 kDa

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	3091
<b>Gene Symbol</b>	HIF1A
<b>Species</b>	Human, Monkey
<b>Immunogen</b>	This HIF-1 alpha Antibody (H1alpha 67-7) was developed against a fusion protein containing amino acids 432 - 528 of human HIF-1 alpha [Uniprot# Q16665].

**Product Application Details**

<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000
<b>Application Notes</b>	In WB, it recognizes bands at 120 kDa representing HIF-1 alpha in induced tissues and cells. Multiple bands may be seen at 120 kDa representing post-translational modification of HIF-1 alpha. Nuclear extracts are recommended. NB100-123 or NB100-131 is recommended for Immunohistochemical analysis of HIF-1 alpha. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

**Images**

Western Blot: HIF-1 alpha Antibody (H1alpha 67-7) [NB100-130] - HIF-1 alpha in 1: Cos7 CoCl2 treated cells. 2: Untreated cells.



## Publications

Veschini, L et al. Hypoxia-inducible transcription factor-1 alpha determines sensitivity of endothelial cells to the proteasome inhibitor bortezomib. Blood, 109:2565 - 2570. [PMID: 17110461] (WB, Human)



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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