

# Product Datasheet

## HIF-1 alpha Antibody (H1alpha67) [DyLight 650] NB100-105C

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-105C**

HIF-1 alpha Antibody (H1alpha67) [DyLight 650]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	H1alpha67
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Conjugate</b>	DyLight 650
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Target Molecular Weight</b>	93 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3091
<b>Gene Symbol</b>	HIF1A
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Canine, Feline, Ferret, Monkey, Primate, Rabbit, Sheep, Xenopus
<b>Reactivity Notes</b>	Use in Rat reported in scientific literature (PMID:33816617).
<b>Immunogen</b>	This HIF-1 alpha Antibody (H1alpha67) was developed against a fusion protein containing amino acids 432 - 528 of human HIF-1 alpha [Uniprot# Q16665].
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Chromatin Immunoprecipitation, ELISA, Flow Cytometry, Gel Super Shift Assays, Immunoassay, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vitro assay, Immunoprecipitation, Ligand Activation, Proximity Ligation Assay, Tissue Culture Substratum, Chromatin Immunoprecipitation (ChIP), Immunohistochemistry Free-Floating, Knockdown Validated, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Chromatin Immunoprecipitation, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoassay, Immunoblotting, In vitro assay, Gel Super Shift Assays, Proximity Ligation Assay, Tissue Culture Substratum, Ligand Activation, Immunohistochemistry Free-Floating, Chromatin Immunoprecipitation (ChIP), Knockout Validated, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Publications

Clancy KW, Weerapana E, Thompson PR Detection and identification of protein citrullination in complex biological systems. *Curr Opin Chem Biol* 2016-01-01 [PMID: 26517730]





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### **Products Related to NB100-105C**

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NB800-PC26	COS-7 Nuclear Hypoxic Induced Cell Lysate
NBP2-27231C	Mouse IgG2b Isotype Control (MPC-11) [DyLight 650]
NB100-105R	HIF-1 alpha Antibody (H1alpha67) [DyLight 550]
H00003091-P01-10ug	Recombinant Human HIF-1 alpha GST (N-Term) Protein

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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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