

# Product Datasheet

## Growth Hormone Antibody (GH-45) [Janelia Fluor® 549] NB500-364JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-364JF549**

Growth Hormone Antibody (GH-45) [Janelia Fluor® 549]

<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>	GH-45
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Janelia Fluor 549
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2688
<b>Gene Symbol</b>	GH1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody GH-45 reacts with human growth hormone (hGH), a polypeptide hormone synthesized by acidophilic or somatotropic cells of the anterior pituitary gland. The GH-45 antibody reacts with affinity constant $3.8 \times 10^{10}$ l/mol; it does not bind human prolactin or any other pituitary hormones.
<b>Immunogen</b>	Human growth hormone
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB500-364JF549**

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NBP1-97005JF549	Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 549]
NBP2-34890-100ug	Recombinant Human Growth Hormone Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]
DGH00	Growth Hormone [HRP]

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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