

# Product Datasheet

## Growth Hormone Antibody (GH-45) [mFluor Violet 450 SE] NB500-364MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-364MFV450**

Growth Hormone Antibody (GH-45) [mFluor Violet 450 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	GH-45
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	mFluor Violet 450 SE
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	2688
Gene Symbol	GH1
Species	Human
Specificity/Sensitivity	The antibody GH-45 reacts with human growth hormone (hGH), a polypeptide hormone synthesized by acidophilic or somatotrophic 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.
Immunogen	Human growth hormone
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB500-364MFV450**

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NBP2-34890-100ug	Recombinant Human Growth Hormone Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]
DGH00	Growth Hormone [HRP]
DGB300	IGFBP-3 [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.

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