

Product Datasheet

Growth Hormone Antibody (GH-45) - BSA Free NB500-364

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-364

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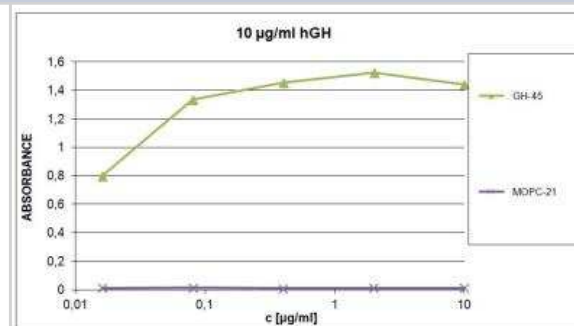
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	GH-45
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)

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 3.8×10^{10} l/mol; it does not bind human prolactin or any other pituitary hormones.
Immunogen	Human growth hormone

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA, Immunohistochemistry 5-10 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:200
Application Notes	ICC: Use at an assay dependant dilution. IHC-P: Use at an assay dependant concentration. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

Images

ELISA: Growth Hormone Antibody (GH-45) [NB500-364] - ELISA of human growth hormone using mouse monoclonal antibody GH-45. Compared with mouse IgG1 isotype control antibody MOPC-21.



Publications

Park SH, Jang JH, Lee YM et al. Function of cell-cycle regulators in predicting silent pituitary adenoma progression following surgical resection *Oncol Lett.* [PMID: 29344143] (IF/IHC, Human)

Thompson LD, Seethala RR, Muller S. Ectopic Sphenoid Sinus Pituitary Adenoma (ESSPA) with Normal Anterior Pituitary Gland: A Clinicopathologic and Immunophenotypic Study of 32 Cases with a Comprehensive Review of the English Literature *Head Neck Pathol* 4098-01-01 [PMID: 22430769] (IF/IHC, Human)





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Products Related to NB500-364

NBL1-11063	Growth Hormone Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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