

# Product Datasheet

## Chorionic Gonadotropin alpha Chain (hCG alpha) Antibody (INN-hCG-5) - (Alpha 3 epitope) - BSA Free NB100-62265

Unit Size: 0.25 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-62265**

Chorionic Gonadotropin alpha Chain (hCG alpha) Antibody (INN-hCG-5) - (Alpha 3 epitope) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.25 mg
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	INN-hCG-5
<b>Preservative</b>	<0.1% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	1081
<b>Gene Symbol</b>	CGA
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Recognises an epitope on the alpha subunits of all human glycoprotein hormones. Indirect Immunofluorescence analysis on paraffin sections of human pituitaries reveals clear staining of glycoprotein hormone producing cells. Reacts with human LH, FSH, TSH, and hCG.
<b>Immunogen</b>	hCG

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Radioimmunoassay
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Radioimmunoassay 1:100-1:2000
<b>Application Notes</b>	Use in Western blot reported in scientific literature (PMID: 24402129).

**Publications**

Mathioudakis N, Sundaresh R, Larsen A et al. Expression of the pituitary stem/progenitor marker GFRalpha2 in human pituitary adenomas and normal pituitary. Pituitary 2015-02-01 [PMID: 24402129] (WB)





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### **Products Related to NB100-62265**

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NBL1-09130	Chorionic Gonadotropin alpha Chain (hCG alpha) Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control

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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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