

# Product Datasheet

## Chorionic Gonadotropin beta Chain (hCG beta) Antibody (INN-hCG-24) - (Beta 4 epitope) - BSA Free NB600-684

Unit Size: 0.25 mg

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB600-684](http://www.novusbio.com/NB600-684)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB600-684](http://www.novusbio.com/reviews/destination/NB600-684)



**NB600-684**

Chorionic Gonadotropin beta Chain (hCG beta) Antibody (INN-hCG-24) - (Beta 4 epitope) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.25 mg
<b>Concentration</b>	1.0 mg/ml
<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-24
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Chorionic Gonadotropin beta Chain (hCG beta) Antibody (INN-hCG-24) - (Beta 4 epitope) - BSA Free (NB600-684) is a monoclonal antibody validated for use in ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1082
<b>Gene Symbol</b>	CGB3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This is a high affinity antibody recognising the beta 4 epitope on hCG. It is also reactive with hCGbeta, hCGbetacf (fragment), hCGn (nicked), hCGbetan, CTP-hCG, CTP-hCGbeta. It may be used in combination with INN hCG2, 32 and 45. It has minor cross reactivity with hLH and hLHbeta. No cross reaction is observed with hFSH, hTSH, or the glycoprotein hormone alpha chains.
<b>Immunogen</b>	Purified human chorionic gonadotropin
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Radioimmunoassay, Radioimmunoassay
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000, Radioimmunoassay, Radioimmunoassay
<b>Application Notes</b>	ELISA: Use at an assay dependent dilution. RIA: Use at an assay dependent dilution. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB600-684**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-59545-10ug	Recombinant Human Chorionic Gonadotropin beta Chain (hCG beta) His Protein

---

### **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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB600-684](http://www.novusbio.com/reviews/submit/NB600-684)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

