

# Product Datasheet

## Glucagon R/GCGR Antibody (hGR-2 F6) - Azide and BSA Free NBP2-81065-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-81065-0.2mg**

Glucagon R/GCGR Antibody (hGR-2 F6) - Azide and BSA Free

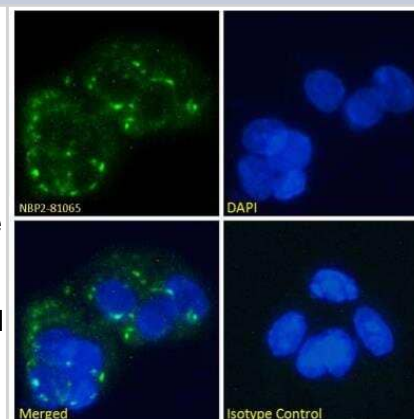
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	hGR-2 F6
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse Glucagon R/GCGR Antibody (hGR-2 F6) - Azide and BSA Free (NBP2-81065) is a recombinant monoclonal antibody validated for use in ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2642
Gene Symbol	GCGR
Species	Human
Specificity/Sensitivity	The antibody binds to the human glucagon receptor, Glucagon R/GCGR.
Immunogen	Recombinant human Glucagon R/GCGR.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This antibody binds to the human glucagon receptor, a GPCR that is activated by glucagon and stimulates adenylate cyclase. The receptor is involved in glucose homeostasis and regulates glucose production in the liver. The antibody acts as a competitive antagonist.

**Images**

Immunocytochemistry/Immunofluorescence: Glucagon R/GCGR Antibody (hGR-2 F6) [NBP2-81065] - Immunofluorescence staining of fixed HepG2 cells with [NBP2-81065]. Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells on Shi-fix coverslips, permeabilized with 0.15% Triton and stained with the chimeric mouse IgG1 version of hGR-2 F6 [NBP2-81065] at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2 ug/ml), showing punctate membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81065, DAPI, merged channels and an isotype control. The isotype control was stained with an unknown specificity antibody followed by Alexa Fluor 488 secondary antibody.



**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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

**Products Related to NBP2-81065-0.2mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBL1-11006	Glucagon R/GCGR Overexpression Lysate

**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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