

# Product Datasheet

## GMFG Antibody NBP2-31367

Unit Size: 0.1 mg

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

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**NBP2-31367**

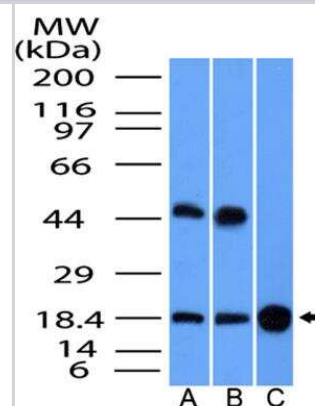
GMFG Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	No buffer
Target Molecular Weight	16.8 kDa
Product Description	
Host	Rabbit
Gene ID	9535
Gene Symbol	GMFG
Species	Human
Reactivity Notes	Based upon the immunogen sequence similarity, this antibody is predicted to react with Mouse (94%), Rat (91%) and Bovine (97%).
Immunogen	GMFG
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 3 ug/ml, Immunocytochemistry/ Immunofluorescence 0.1 ug/mL
Application Notes	<p>GMFG (glia maturation factor gamma) is a 142 amino acids long protein with predicted molecular weight of 16.8 kDa. In our Western blot validation with human spleen and lung tissue lysates, this GMFG antibody detected a specific band at ~17 kDa and an additional/uncharacterized band at ~45 kDa position.</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p>

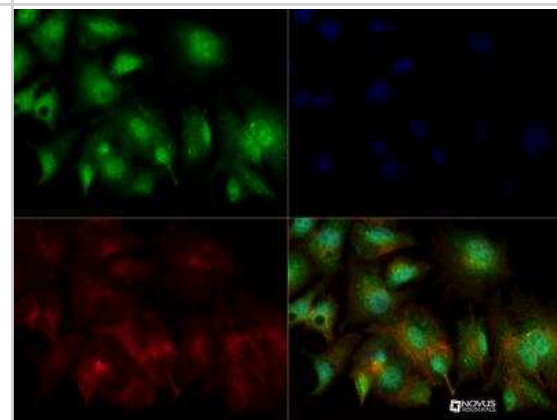


## Images

Western Blot: GMFG Antibody [NBP2-31367] - WB detection of GMFG target in (A) human spleen lysate, (B) human lungs lysate, and (C) recombinant protein using GMFG antibody. Concentration of primary antibody used: 3 ug/ml for lysates and 0.5 ug/ml for recombinant protein.



Immunocytochemistry/Immunofluorescence: GMFG Antibody [NBP2-31367] - GMFG antibody was tested in HepG2 cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red). An antibody concentration of 0.1 ug/mL was used. Image objective 40x.





### **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 NBP2-31367**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-98879-100ug	Recombinant Human GMFG Protein

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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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