

# Product Datasheet

## **G protein alpha Inhibitor 2 Antibody (3G11) - Azide and BSA Free**

### **H00002771-M02**

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00002771-M02**

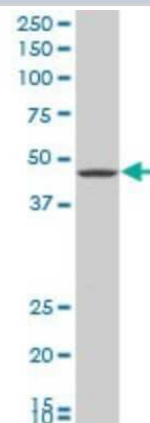
G protein alpha Inhibitor 2 Antibody (3G11) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3G11
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2771
Gene Symbol	GNAI2
Species	Human
Specificity/Sensitivity	GNAI2 - guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
Immunogen	GNAI2 (AAH12138, 1 a.a. ~ 355 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGCTVSAEDKAAAERSKMIDKNLREDGEKAAREVKLLLLGAGESGKSTIVKQM KIIHEDGYSEEECRQYRAVVYSNTIQSIMAIVKAMGNLQIDFADPSRADDARQLF ALSCTAEEQGVLPDDL SGVIRRLWADHGVQACFGRSREYQLNDSAAYYLN DL ERIAQSDYIPTQQDVL RTRVKTTGIVETHFTFKDLHFKMFDVGGQRSEK KWIH CFEGVTAIIFCVALSAYDLVLAEDEEMNRMHESMKLFDSICNNKWFTDTSIILFL NKKDLFE EKITHSPLTICFPEYTGANKYDEAASYIQSKFEDLNKRKDTKEIYTHFT CATDTKNVQFVFDVAVTDV IIKNNLKDCGLF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

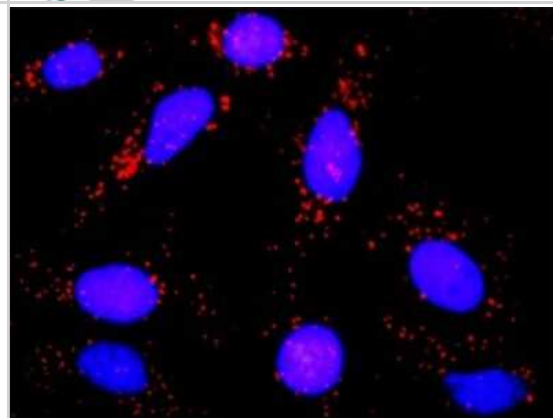


## Images

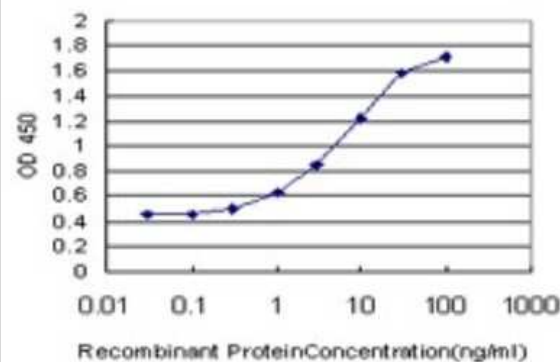
Western Blot: G protein alpha Inhibitor 2 Antibody (3G11) [H00002771-M02] - GNAI2 monoclonal antibody (M02), clone 3G11. Analysis of GNAI2 expression in MCF-7.



Proximity Ligation Assay: G protein alpha Inhibitor 2 Antibody (3G11) [H00002771-M02] - Analysis of protein-protein interactions between C5AR1 and GNAI2. HeLa cells were stained with anti-C5AR1 rabbit purified polyclonal 1:1200 and anti-GNAI2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: G protein alpha Inhibitor 2 Antibody (3G11) [H00002771-M02] - Detection limit for recombinant GST tagged GNAI2 is approximately 0.3ng/ml as a capture 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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00002771-M02**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-23094	Recombinant Human G protein alpha Inhibitor 2 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.

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