

# Product Datasheet

## Gelsolin/GSN Antibody (GS-2C4)

### NB110-10067

Unit Size: 0.1 ml

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)

#### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB110-10067](http://www.novusbio.com/NB110-10067)

Updated 10/23/2024 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/NB110-10067](http://www.novusbio.com/reviews/destination/NB110-10067)



**NB110-10067**

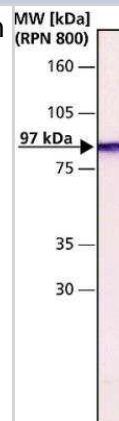
Gelsolin/GSN Antibody (GS-2C4)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GS-2C4
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Product Description	
Host	Mouse
Gene ID	2934
Gene Symbol	GSN
Species	Human, Porcine, Bovine, Rabbit, Rat (Negative)
Reactivity Notes	Cross-reacts with Human, Cow, Pig and Rabbit. Does not react with Rat.
Specificity/Sensitivity	The antibody is specific for an epitope located on the 47 kDa peptide derived from a chymotryptic cleavage of gelsolin. The antibody reacts with plasma and cytoplasmic gelsolin
Immunogen	Full length native protein (purified) (Human).
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Microarray, Immunoaffinity Purification
Recommended Dilutions	Western Blot 1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:10-1:500, Microarray, Immunoaffinity Purification
Application Notes	An additional application for this antibody is immunoaffinity chromatography, for purification of gelsolin, and for detection of gelsolin-actin complexes in cell extracts. WB: Predicted molecular weight: 86 kDa. Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID 27121327).



## Images

Western Blot: Gelsolin/GSN Antibody (GS-2C4) [NB110-10067] - Human plasma, barium citrate ppt. was separated on SDS-PAGE and probed with Monoclonal AB To Gelsolin (MO) CL:GS-2C4. The antibody was developed with AlkPhos APA Mouse Fab ads HlgG and a NBTBCIP substrate. Antibody dilution 1:2000.



## Publications

Ding L, Wang L, Sui L et al. Claudin-7 indirectly regulates the integrin/FAk signaling pathway in human colon cancer tissue. J. Hum. Genet. 2016-04-28 [PMID: 27121327] (IHC-P, Human)

Romao M, Weel IC, Lifshitz SJ et al. Elevated hyaluronan and extracellular matrix metalloproteinase inducer levels in women with preeclampsia. Arch Gynecol Obstet. 2013-09-11 [PMID: 24022523] (ELISA, Human)

Sezen D, Bongiovanni AM, Gelber S et al. Gelsolin down-regulates lipopolysaccharide-induced intraamniotic tumor necrosis factor-alpha production in the midtrimester of pregnancy. Am J Obstet Gynecol 2009-02-01 [PMID: 19110227] (ELISA, Human)

**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 NB110-10067**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00002934-P01-10ug	Recombinant Human Gelsolin/GSN GST (N-Term) 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/NB110-10067](http://www.novusbio.com/reviews/submit/NB110-10067)

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

