

# 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.

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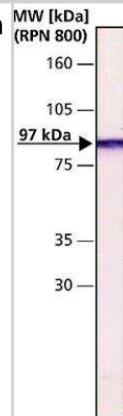
**NB110-10067**

Gelsolin/GSN Antibody (GS-2C4)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<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>	GS-2C4
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2934
<b>Gene Symbol</b>	GSN
<b>Species</b>	Human, Porcine, Bovine, Rabbit, Rat (Negative)
<b>Reactivity Notes</b>	Cross-reacts with Human, Cow, Pig and Rabbit. Does not react with Rat.
<b>Specificity/Sensitivity</b>	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
<b>Immunogen</b>	Full length native protein (purified) (Human).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Microarray, Immunoaffinity Purification
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	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)



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### **Products Related to NB110-10067**

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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

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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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