

# Product Datasheet

## Gelsolin/GSN Antibody NB100-53814

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-53814**

Gelsolin/GSN Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2934
Gene Symbol	GSN
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_000168.1 and NP_937895.1).
Immunogen	Peptide with sequence C-PRLKDKKMDAHP corresponding to internal region according to NP_937895.1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 2 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:128000

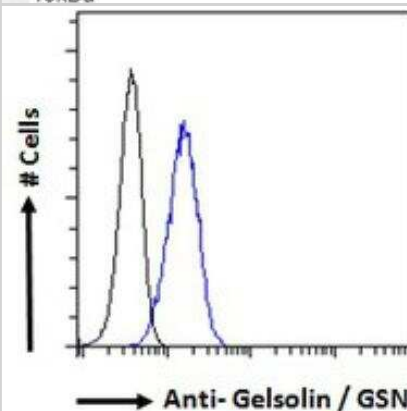


## Images

Western Blot: Gelsolin/GSN Antibody [NB100-53814] - Staining of Human Colorectal cancer lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Flow Cytometry: Gelsolin/GSN Antibody [NB100-53814] - Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



## Publications

Tanaka H, Shirkoohi R, Nakagawa K et al. siRNA gelsolin knockdown induces epithelial-mesenchymal transition with a cadherin switch in human mammary epithelial cells. *Int J Cancer* 2006-04-01 [PMID: 16217750]



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### **Products Related to NB100-53814**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
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.

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