

# Product Datasheet

## Gemin 4 Antibody (3E1) - Azide and BSA Free H00050628-M01

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 9/9/2025 v.20.1

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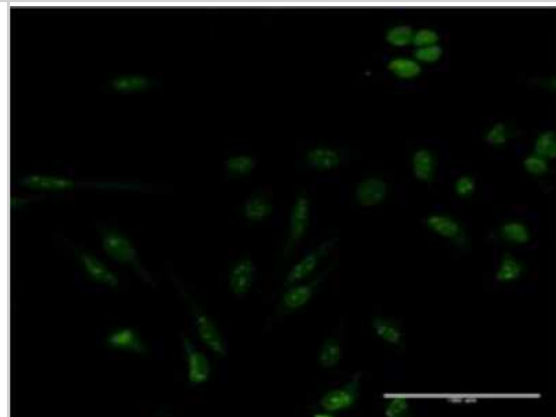
**H00050628-M01**

Gemin 4 Antibody (3E1) - Azide and BSA Free

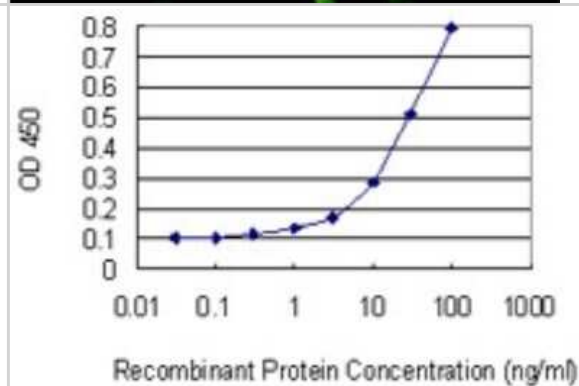
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3E1
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Gemin 4 Antibody (3E1) - Azide and BSA Free (H00050628-M01) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Gemin 4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	50628
<b>Gene Symbol</b>	GEMIN4
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	GEMIN4 - gem (nuclear organelle) associated protein 4 (3E1)
<b>Immunogen</b>	GEMIN4 (NP_056536, 959 a.a. ~ 1057 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AAGPWVQGPEQDLTQEALFVYTQVFCHALHIMAMLHPEVCEPLYVLALET LTC YETLSKTNPSVSSLLQRAHEQRFLKSIAEGIGPEERRQTLLQKMSS
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
<b>Application Notes</b>	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

## Images

Immunocytochemistry/Immunofluorescence: Gemin 4 Antibody (3E1) [H00050628-M01] - Analysis of monoclonal antibody to GEMIN4 on HeLa cell . Antibody concentration 10 ug/ml.



Sandwich ELISA: Gemin 4 Antibody (3E1) [H00050628-M01] - Detection limit for recombinant GST tagged GEMIN4 is 1 ng/ml as a capture antibody.



## Publications

Meier I, Walker M, Matera A et al. Gemin4 is an essential gene in mice, and its overexpression in human cells causes relocalization of the SMN complex to the nucleoplasm. Biol Open. 2018-02-01 [PMID: 29371219]



### **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 H00050628-M01**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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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