

# Product Datasheet

## IGSF4C/SynCAM4 Antibody

### NBP1-00164

Unit Size: 0.1 mg

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

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



[technical@novusbio.com](mailto:technical@novusbio.com)

#### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-00164](http://www.novusbio.com/NBP1-00164)

Updated 9/9/2025 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/NBP1-00164](http://www.novusbio.com/reviews/destination/NBP1-00164)



**NBP1-00164****IGSF4C/SynCAM4 Antibody**

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

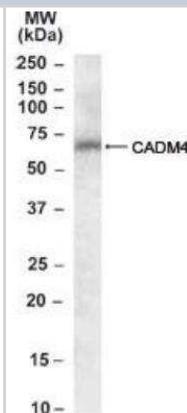
| <b>Product Description</b> |  |
|----------------------------|--|
| <b>Description</b>         | Novus Biologicals Goat IGSF4C/SynCAM4 Antibody (NBP1-00164) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-IGSF4C/SynCAM4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Goat   |
| <b>Gene ID</b>             | 199731   |
| <b>Gene Symbol</b>         | CADM4  |
| <b>Species</b>             | Human  |
| <b>Immunogen</b>           | Peptide with sequence C-KDERFQLEEFs corresponding to internal region according to NP_660339.1.   |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA   |
| <b>Recommended Dilutions</b>       | Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 2 - 5 ug/ml, Immunohistochemistry-Paraffin 1:10 - 1:500, Peptide ELISA Detection limit 1:16000  |
| <b>Application Notes</b>           | WB: Approx. 70 kDa band observed in human brain (cerebellum) lysates (calculated MW of 42.8 kDa band according to NP_660339.1). The observed molecular weight corresponds to findings with NB100-93383, a product of different design reacting to a different part of the same protein. IHC-P: Human thymus and skeletal muscle shows staining of adhesion sites between medullar cells. |

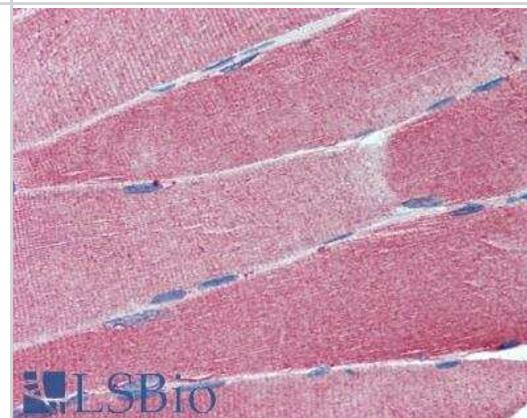


## Images

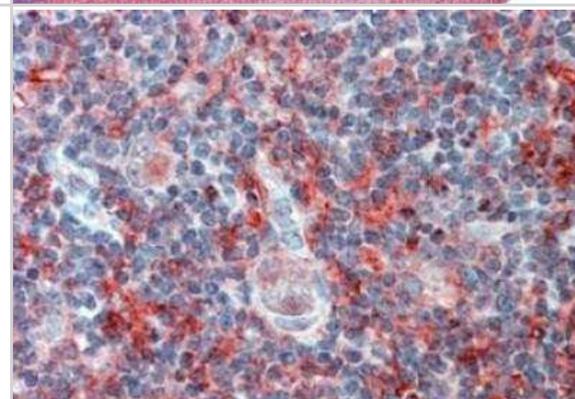
Western Blot: IGSF4C/SynCAM4 Antibody [NBP1-00164] - Analysis of Cell adhesion molecule 4 using NBP1-00164 in Human Brain (Cerebellum) lysate (35 ug protein in RIPA buffer) at 0.1 ug/ml.



Immunohistochemistry-Paraffin: IGSF4C/SynCAM4 Antibody [NBP1-00164] - Staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: IGSF4C/SynCAM4 Antibody [NBP1-00164] - (2.5ug/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Spiegel I, Adamsky K, Eshed Y et al. A central role for Necl4 (SynCAM4) in Schwann cell-axon interaction and myelination. *Nat Neurosci* 2007-07-01 [PMID: 17558405]



### 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 NBP1-00164

---

|                 |  |
|-----------------|--|
| NBL1-08639      | IGSF4C/SynCAM4 Overexpression Lysate                                   |
| NBP2-33376H     | Blue Marker Antibody (6F4-F6) [HRP]                                    |
| 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   |

---

### 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/NBP1-00164](http://www.novusbio.com/reviews/submit/NBP1-00164)

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



