

# Product Datasheet

## CD2 Antibody - BSA Free NBP1-87005

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: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-87005](http://www.novusbio.com/NBP1-87005)

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/NBP1-87005](http://www.novusbio.com/reviews/destination/NBP1-87005)



**NBP1-87005**

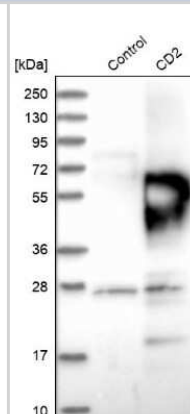
CD2 Antibody - BSA Free

| Product Information         |                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                 |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                       |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                 |
| Clonality                   | Polyclonal                                                                                                                                                                                                                             |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                                                     |
| Isotype                     | IgG                                                                                                                                                                                                                                    |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                            |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                        |
| Description                 | Novus Biologicals Rabbit CD2 Antibody - BSA Free (NBP1-87005) is a polyclonal antibody validated for use in IHC and WB. Anti-CD2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit                                                                                                                                                                                                                                 |
| Gene ID                     | 914                                                                                                                                                                                                                                    |
| Gene Symbol                 | CD2                                                                                                                                                                                                                                    |
| Species                     | Human                                                                                                                                                                                                                                  |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>DEELETRAHRVATEERGRKPHQIPASTPQNPATSQHPPPPPGHRSQAPSHRP<br>PPPGHRVQHQPQKRPPAPSGTQVHQQKGPPLPRPRVQPKPPHGAAENSLSP                                   |
| Product Application Details |                                                                                                                                                                                                                                        |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                                                                                                                                                      |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000                                                                                                                         |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                                                                                                                                                  |

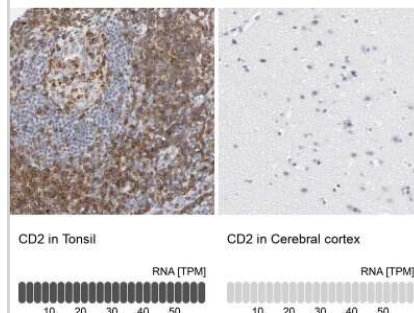


## Images

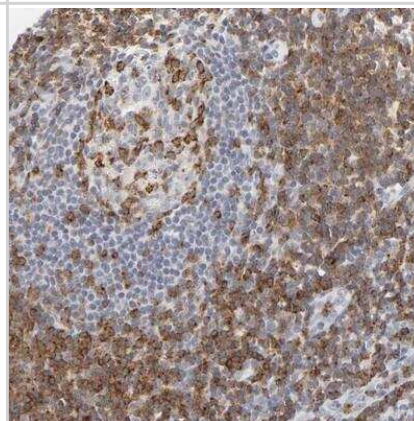
Western Blot: CD2 Antibody [NBP1-87005] - Analysis in control (vector only transfected HEK293T lysate) and CD2 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



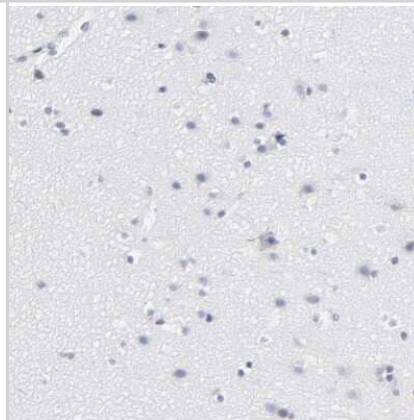
Immunohistochemistry-Paraffin: CD2 Antibody [NBP1-87005] - Staining in human tonsil and cerebral cortex tissues using anti-CD2 antibody. Corresponding CD2 RNA-seq data are presented for the same tissues.



Immunohistochemistry: CD2 Antibody [NBP1-87005] - Staining of human tonsil shows moderate cytoplasmic positivity in reaction center cells and lymphoid cells outside reaction centra.



Immunohistochemistry-Paraffin: CD2 Antibody [NBP1-87005] - Staining of human cerebral cortex shows low expression as expected.



## Publications

Serra S, Horenstein AL, Vaisitti T et al. CD73-generated extracellular adenosine in chronic lymphocytic leukemia creates local conditions counteracting drug-induced cell death. Blood 2011-12-01 [PMID: 21998208]



### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-87005**

---

|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-87005PEP | CD2 Recombinant Protein Antigen                     |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit 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/NBP1-87005](http://www.novusbio.com/reviews/submit/NBP1-87005)

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

