

# Product Datasheet

## **B7-2/CD86 Antibody (AP-MAB0803) - Azide and BSA Free NBP2-12182-100ug**

Unit Size: 100 ug

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: 3**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-12182](http://www.novusbio.com/NBP2-12182)

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/NBP2-12182](http://www.novusbio.com/reviews/destination/NBP2-12182)



**NBP2-12182-100ug**

B7-2/CD86 Antibody (AP-MAB0803) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AP-MAB0803
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterilized PBS to a final concentration of 0.5 mg/ml.
Isotype	IgG2
Purity	Protein A or G purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS. 0.025 mg size is provided in liquid form, PBS

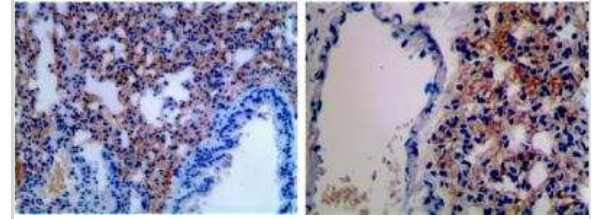
Product Description	
Description	Novus Biologicals Rat B7-2/CD86 Antibody (AP-MAB0803) - Azide and BSA Free (NBP2-12182) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. Anti-B7-2/CD86 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	942
Gene Symbol	CD86
Species	Mouse
Marker	DC Maturation Marker
Immunogen	LPS-stimulated Mouse B-Cells

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:100-1:1000, Immunohistochemistry 1:-300-2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:300-1:2000, CyTOF-ready
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 26605524). For IHC-P, enzymatic antigen retrieval is strongly recommended. This antibody is CyTOF ready.



## Images

Immunohistochemistry-Paraffin: CD86 Antibody (AP-MAB0803) [NBP2-12182] - 4% PFA fixed and paraffin embedded mouse lung tissue (LPS treated) was subjected to IHC staining using this CD86



## Publications

I Huber-Ruano, C Raventós, I Cuartas, C Sánchez-Jaro, A Arias, J L Parra, K Wosikowski, M Janicot, J Seoane An antisense oligonucleotide targeting TGF- $\beta$ 2 inhibits lung metastasis and induces CD86 expression in tumor-associated macrophages. *Annals of oncology : official journal of the European Society for Medical Oncology* 2018-05-23 [PMID: 28911087]

Delvecchio Fr, Fincham Rea, Spear S Et Al. Pancreatic Cancer Chemotherapy Is Potentiated by Induction of Tertiary Lymphoid Structures in Mice *Cellular and molecular gastroenterology and hepatology* 2021-07-09 [PMID: 34252585] (ICC/IF)

Liu Z, Gerner MY, Van Panhuys N et al. Immune homeostasis enforced by co-localized effector and regulatory T cells. *Nature*. 2015-12-10 [PMID: 26605524] (ICC/IF, Mouse)



### **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 NBP2-12182-100ug**

---

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP2-12182APC-0.1ml	B7-2/CD86 Antibody (AP-MAB0803) [Allophycocyanin]
NBP2-77486-50ug	Recombinant Human B7-2/CD86 His 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.

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/NBP2-12182](http://www.novusbio.com/reviews/submit/NBP2-12182)

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

