

# Product Datasheet

## Podoplanin Antibody (pmab-1) - BSA Free NBP2-03955

Unit Size: 0.1 mg

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: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-03955](http://www.novusbio.com/NBP2-03955)

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/NBP2-03955](http://www.novusbio.com/reviews/destination/NBP2-03955)



**NBP2-03955**

Podoplanin Antibody (pmab-1) - BSA Free

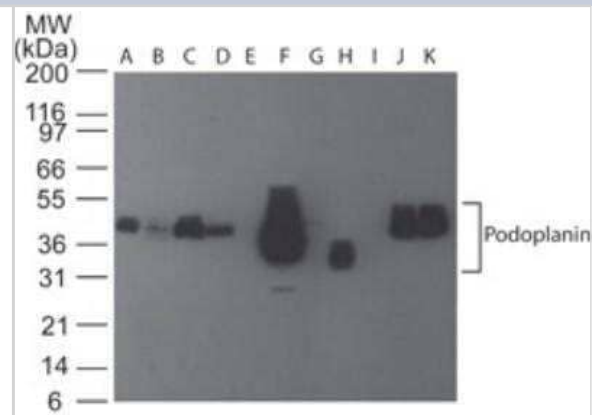
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	pmab-1
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rat Podoplanin Antibody (pmab-1) - BSA Free (NBP2-03955) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-Podoplanin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	10630
Gene Symbol	PDPN
Species	Mouse
Marker	Lymphatic Endothelium Marker
Immunogen	Podoplanin

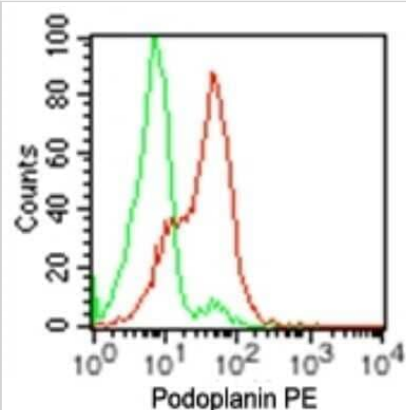
Product Application Details	
Applications	Western Blot, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 3 - 5 ug/mL, Flow Cytometry 0.5 ug/10 <sup>5</sup> cells, CyTOF-ready

**Images**

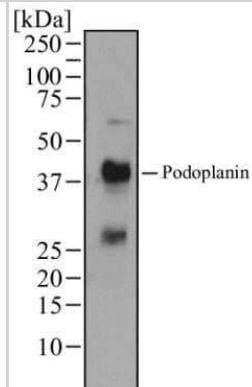
Western Blot: Podoplanin Antibody (pmab-1) [NBP2-03955] - Analysis using the Azide Free version of NBP2-03955. Lysate from mouse A) Brain, B) Heart, C) Small Intestine, D) Kidney, E) Liver, F) Lung, G) Muscle, H) Stomach, I) Spleen, J) Ovary, and K) Testis probed with podoplanin antibody at 5 ug/mL. Mouse tissue Insta-blot, goat anti-rat Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



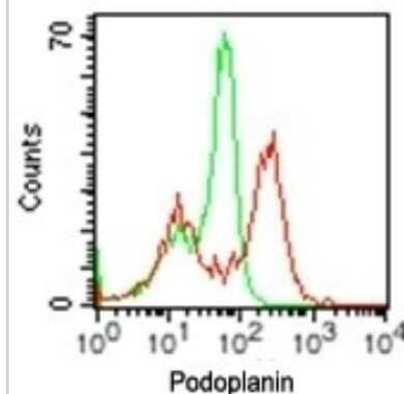
Flow Cytometry: Podoplanin Antibody (pmab-1) [NBP2-03955] - Analysis using the PE conjugate of NBP2-03955. Staining using podoplanin antibody. Mouse F9 tumor cell line probed using 0.5 ug of podoplanin antibody (red) and 0.5 ug of isotype control antibody (green). Cell surface flow kit was used for this test.



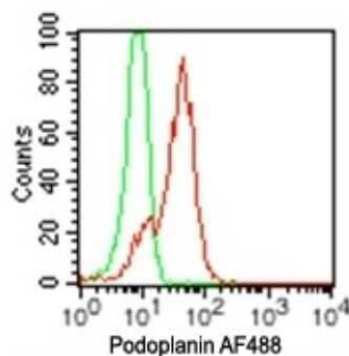
Western Blot: Podoplanin Antibody (pmab-1) [NBP2-03955] - Analysis using the Azide Free version of NBP2-03955. Detection of mouse fetal lung tissue using Podoplanin antibody at a concentration of 1 ug/mL.



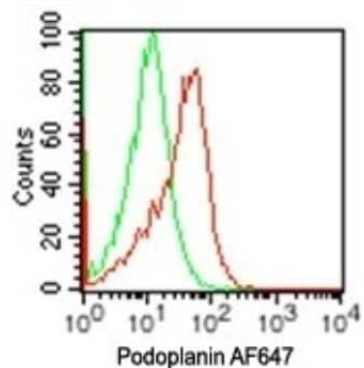
Flow Cytometry: Podoplanin Antibody (pmab-1) [NBP2-03955] - Analysis using podoplanin antibody. Mouse LLC1 cells were probed using 0.5 ug of podoplanin antibody (red) and 0.5 ug of isotype control antibody (green). NBP2-03955 and APC-conjugated secondary antibody were used for this test.



Flow Cytometry: Podoplanin Antibody (pmab-1) [NBP2-03955] - Analysis using the Alexa Fluor (R) 488 conjugate of NBP2-03955. Staining using podoplanin antibody. Mouse LLC1 cells were probed using 0.5 ug of podoplanin antibody (red) and 0.5 ug of isotype control antibody (green).



Flow Cytometry: Podoplanin Antibody (pmab-1) [NBP2-03955] - Analysis using the Alexa Fluor (R) 647 conjugate of NBP2-03955. Staining using podoplanin antibody. Mouse LLC1 cells were probed using 0.5 ug of podoplanin antibody (red) and 0.5 ug of isotype control antibody (green).



## Publications

Cong X, Nagre N, Herrera J et al. TRIM72 promotes alveolar epithelial cell membrane repair and ameliorates lung fibrosis *Respir. Res.* 2020-05-29 [PMID: 32471489]

Nagre N, Nicholson G, Cong X et al. Activation of cannabinoid-2 receptor protects against *Pseudomonas aeruginosa* induced acute lung injury and inflammation *Respiratory research* 2022-12-03 [PMID: 36463179] (IHC-P, Mouse)

Details:

Dilution used in IHC-P 1:100



### **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 NBP2-03955**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)

---

### **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/NBP2-03955](http://www.novusbio.com/reviews/submit/NBP2-03955)

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

