

# Product Datasheet

## Podoplanin Antibody - BSA Free NBP1-90211

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)



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### Publications: 6

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Updated 12/2/2025 v.20.1

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**NBP1-90211**

Podoplanin Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

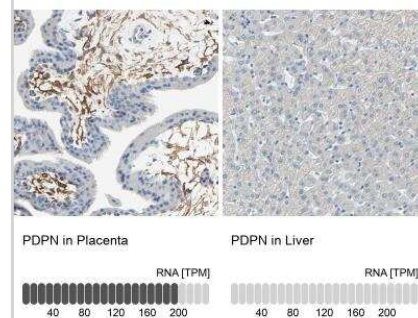
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Podoplanin Antibody - BSA Free (NBP1-90211) is a polyclonal antibody validated for use in IHC and WB. Anti-Podoplanin Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10630
<b>Gene Symbol</b>	PDPN
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 26030524).
<b>Marker</b>	Lymphatic Endothelium Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RLPRVWEARAPSLSGAPAPTPPAPPPSRSSRLGLWPRCFLIFPQLRILLGQPQE SNNSTGTMWKVSALLFVLGSASLWVLAEGASTGQPEDDTETTGLEGGVAMPG AEDDVVTPGTSEDRYKSGLTTLVATSVNS

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

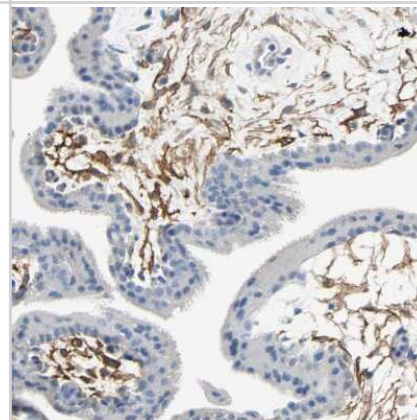


## Images

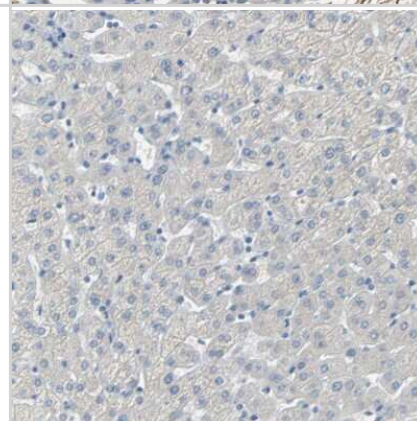
Immunohistochemistry-Paraffin: Podoplanin Antibody [NBP1-90211] - Staining in human placenta and liver tissues . Corresponding PDPN RNA-seq data are presented for the same tissues.



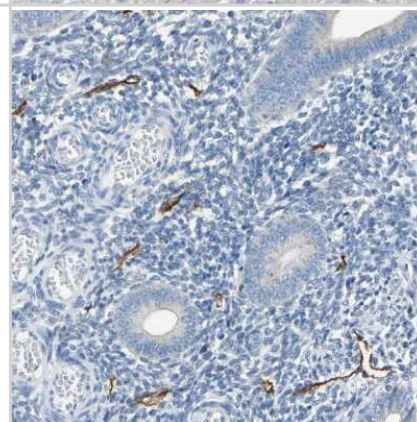
Immunohistochemistry-Paraffin: Podoplanin Antibody [NBP1-90211] - Staining of human placenta shows moderate membranous positivity in endothelial cells.



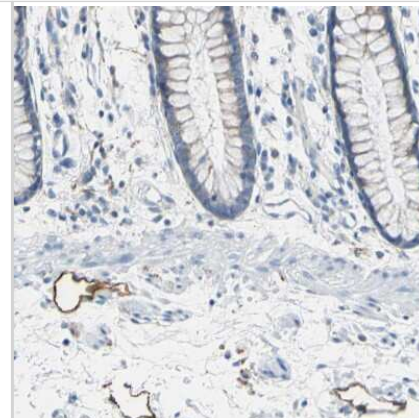
Immunohistochemistry-Paraffin: Podoplanin Antibody [NBP1-90211] - Staining of human liver shows no positivity in hepatocytes as expected.



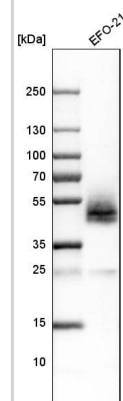
Immunohistochemistry-Paraffin: Podoplanin Antibody [NBP1-90211] - Staining of human endometrium shows moderate membranous positivity in endothelium of lymphatic vessels.



Immunohistochemistry-Paraffin: Podoplanin Antibody [NBP1-90211] - Staining of human rectum shows moderate membranous positivity in endothelium of lymphatic vessels.



Analysis in human cell line EFO-21.



## Publications

Lathen C, Zhang Y et al. ERG-APLNR axis controls pulmonary venule endothelial proliferation in pulmonary veno-occlusive disease. *Circulation* 2014-09-30 [PMID: 25062690] (WB, Mouse)

Francipane MG, Han B, Lagasse E Host Lymphotoxin-beta Receptor Signaling Is Crucial for Angiogenesis of Metanephric Tissue Transplanted into Lymphoid Sites *Am. J. Pathol.* 2019-10-01 [PMID: 31585070]

Drosos I, Pavlaki M, Ortega Carrillo MDP et al. Increased Lymphangiogenesis and Lymphangiogenic Growth Factor Expression in Perivascular Adipose Tissue of Patients with Coronary Artery Disease *J Clin Med* 2019-07-09 [PMID: 31324038] (IF/IHC, Human)

Otto M, Blatt S, Pabst A et al. Influence of buffy coat-derived putative endothelial progenitor cells on tumor growth and neovascularization in oral squamous cell carcinoma xenografts. *Clin Oral Investig* 2019-01-28 [PMID: 30693401] (IHC-P, Mouse)

Antoine Louveau, Igor Smirnov, Timothy J. Keyes et al. Structural and functional features of central nervous system lymphatic vessels. *Nature* 2015-06-01 [PMID: 26030524] (IF/IHC, Mouse)

Schito L, Rey S, Tafani M et al. Hypoxia-inducible factor 1-dependent expression of platelet-derived growth factor B promotes lymphatic metastasis of hypoxic breast cancer cells *Proc Natl Acad Sci U S A* 2012-10-02 [PMID: 23012449] (IF/IHC, Mouse)



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### **Products Related to NBP1-90211**

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NBP1-90211PEP	Podoplanin Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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