Product Datasheet

Podoplanin Antibody - BSA Free
NBP1-90211

Unit Size: 0.1 ml

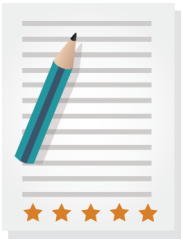
Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-90211

Updated 9/9/2025 v.20.1



NBP1-90211

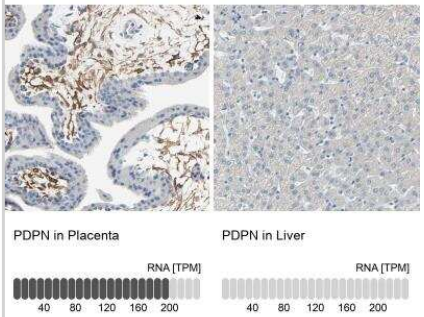
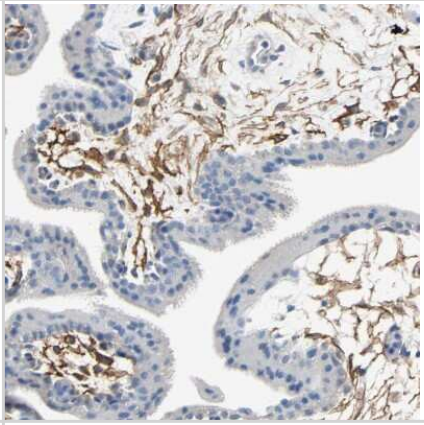
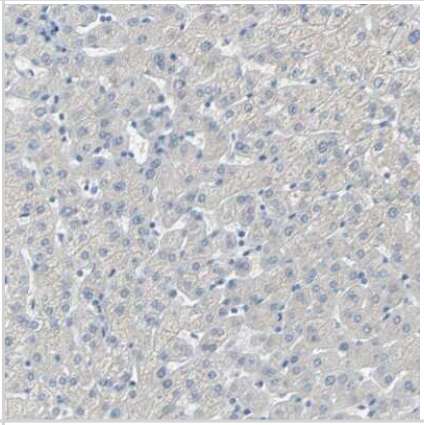
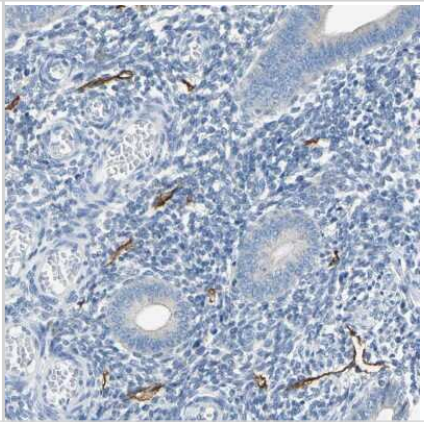
Podoplanin Antibody - BSA Free

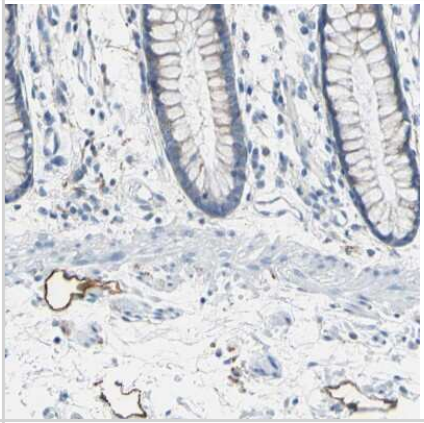
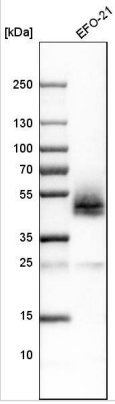
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit 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.
Host	Rabbit
Gene ID	10630
Gene Symbol	PDPN
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26030524).
Marker	Lymphatic Endothelium Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RLPRVWEARAPSLSGAPAPTPPAPPPSRSSRLGLWPRCFLIFPQLRILLLGPQE SNNSTGTMWKVSALLFVLGSASLWVLAEGASTGQPEDDTETTGLEGGVAMPG AEDDVVTPGTSEDRYKSGLTTLVATSVNS

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

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

NBP1-90211PEP	Podoplanin 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.

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