

Product Datasheet

Podocalyxin Like Antibody (CL0284) - BSA Free NBP2-52903

Unit Size: 0.1 ml

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

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NBP2-52903

Podocalyxin Like Antibody (CL0284) - 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	Monoclonal
Clone	CL0284
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

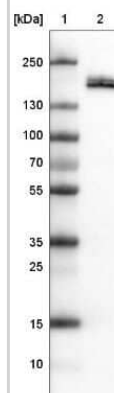
Description	Novus Biologicals Mouse Podocalyxin Like Antibody (CL0284) - BSA Free (NBP2-52903) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5420
Gene Symbol	PODXL
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from O00592, with the exact immunogen sequence remaining proprietary.

Product Application Details

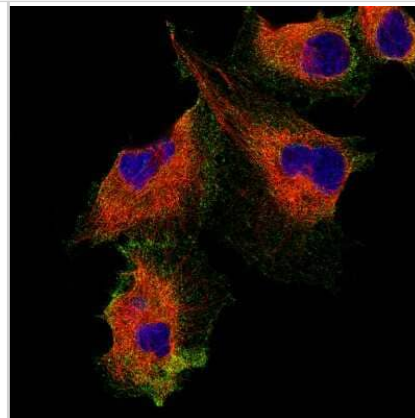
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

Images

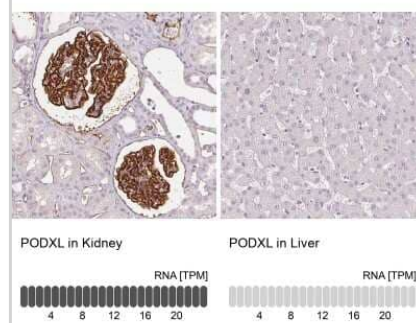
Western Blot: Podocalyxin Like Antibody (CL0284) [NBP2-52903] - Lane 1: Marker [kDa], Lane 2: Human kidney tissue lysate



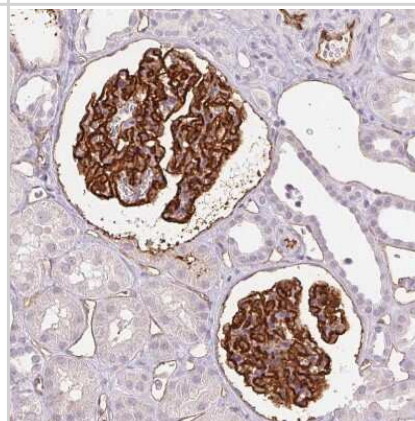
Immunocytochemistry/Immunofluorescence: Podocalyxin Like Antibody (CL0284) [NBP2-52903] - Staining of U-251 cells using the Anti-PODXL monoclonal antibody, showing specific staining in the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



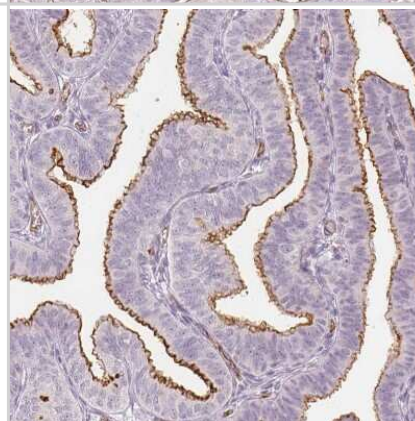
Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (CL0284) [NBP2-52903] - Staining in human kidney and liver tissues. Corresponding PODXL RNA-seq data are presented for the same tissues.



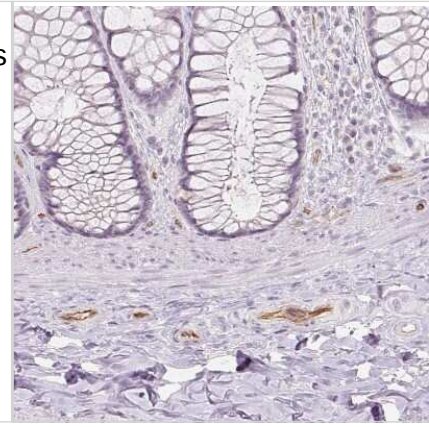
Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (CL0284) [NBP2-52903] - Staining of human kidney shows strong membranous positivity in cells in glomeruli, as well as endothelial cells.



Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (CL0284) [NBP2-52903] - Staining of human fallopian tube shows strong positivity in apical membranes in glandular cells.



Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (CL0284) [NBP2-52903] - Staining of human rectum shows moderate membranous positivity in endothelial cells.





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Products Related to NBP2-52903

NBP2-52903PEP	Podocalyxin Like Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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