

Product Datasheet

Podocalyxin Like Antibody (PODXL/2606)

NBP2-76325-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-76325-0.1mg

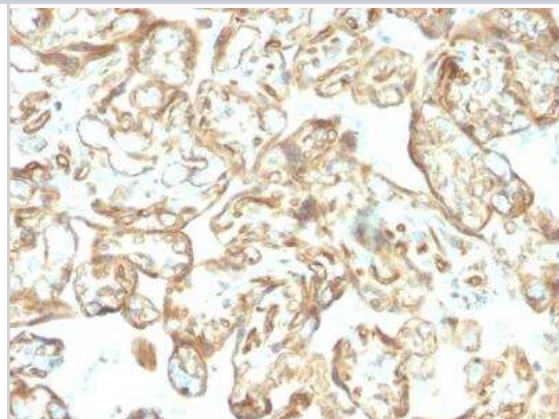
Podocalyxin Like Antibody (PODXL/2606)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	PODXL/2606
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10mM PBS and 0.05% BSA
Product Description	
Host	Mouse
Gene ID	5420
Gene Symbol	PODXL
Species	Human
Marker	Hematopoietic Stem Cell Marker
Specificity/Sensitivity	Podocalyxin is a member of the CD34 transmembrane sialomucin family. It is over-expressed on the podocyte foot projections and plays essential roles in kidney development and homeostasis, blood filtration and urine formation. It is also expressed on vascular endothelia, hematopoietic progenitors and a subset of neurons. Overexpression of podocalyxin may be linked to more aggressive tumor behavior. Podocalyxin antibody can identify podocytes in the urine (podocyturia) that may indicate glomerular disease, pre-eclampsia, and other kidney pathology.
Immunogen	Recombinant fragment of human Podocalyxin (around aa 310-447) (exact sequence is proprietary)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Hu-chromosome location: 7q32.3 Molecular weight of antigen: 165-170kDa Immunohistochemistry-Paraffin: 1-2ug/ml for 30 min at RT; Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)

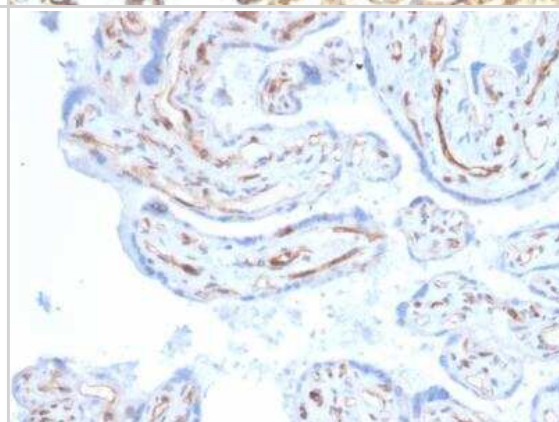


Images

Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (PODXL/2606) [NBP2-76325] - Formalin-fixed, paraffin-embedded Human Placenta stained with Podocalyxin Mouse Monoclonal Antibody (PODXL/2606).



Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (PODXL/2606) [NBP2-76325] - Formalin-fixed, paraffin-embedded Human Placenta stained with Podocalyxin Mouse Monoclonal Antibody (PODXL/2606).





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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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