

# Product Datasheet

## Podocalyxin Like Antibody (3D3) - IHC-Prediluted NBP2-45167

Unit Size: 7 ml

Store at 4C.

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**NBP2-45167****Podocalyxin Like Antibody (3D3) - IHC-Prediluted****Product Information**

<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3D3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA

**Product Description**

<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	5420
<b>Gene Symbol</b>	PODXL
<b>Species</b>	Human, Mouse, Rat, Rabbit
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 27771514).
<b>Marker</b>	Hematopoietic Stem Cell Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	A recombinant protein fragment containing the intracellular, transmembrane, and part of the extracellular domain of human Podocalyxin Like (Uniprot: O00592)

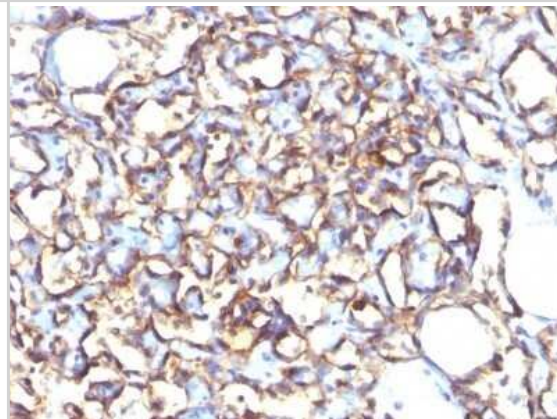
**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Immunohistochemistry-Frozen
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

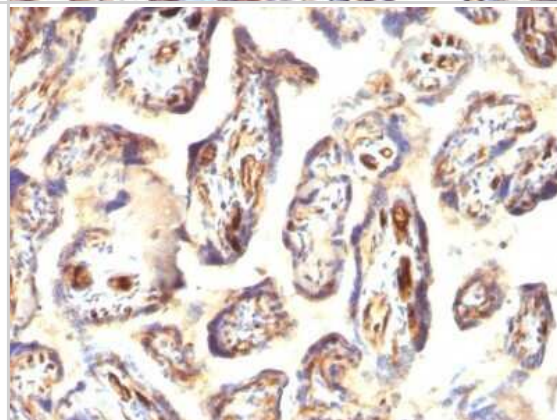


## Images

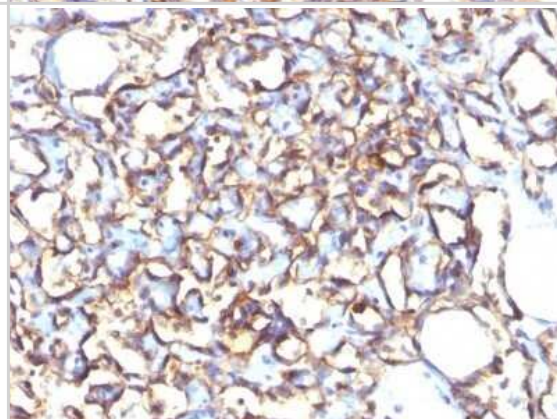
Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (3D3) - IHC-Prediluted [NBP2-45167] - Formalin-fixed, paraffin-embedded human Angiosarcoma stained with Podocalyxin Like Antibody (3D3).



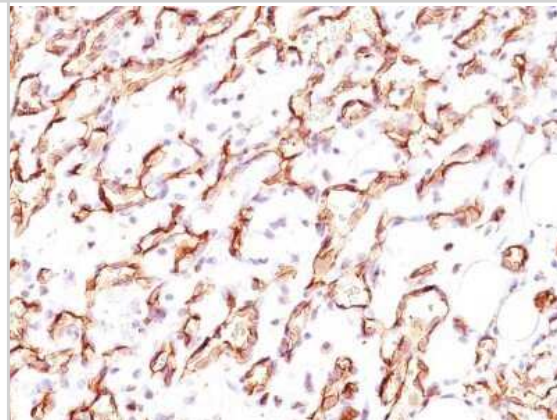
Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (3D3) - IHC-Prediluted [NBP2-45167] - Formalin-fixed, paraffin-embedded human Placenta stained with Podocalyxin Like Antibody (3D3).



Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (3D3) - IHC-Prediluted [NBP2-45167] - Formalin-fixed, paraffin-embedded human Angiosarcoma stained with Podocalyxin Like Antibody (3D3).



Immunohistochemistry-Paraffin: Podocalyxin Like Antibody (3D3) - IHC-Prediluted [NBP2-45167] - Formalin-paraffin angiosarcoma stained with Podocalyxin Ab (3D3).





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### **Products Related to NBP2-45167**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NB110-41503PEP	Podocalyxin Like Antibody Blocking Peptide

### **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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