

# Product Datasheet

## Podocalyxin Like Antibody (2A4) [PE/Atto594] NBP2-47750PEATT594

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-47750PEATT594**

Podocalyxin Like Antibody (2A4) [PE/Atto594]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2A4
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgM Kappa
<b>Conjugate</b>	PE/Atto594
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	5420
<b>Gene Symbol</b>	PODXL
<b>Species</b>	Human, Rat, Rabbit
<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)
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.





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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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