

# Product Datasheet

## Podocalyxin Like Antibody (3D3) [Alexa Fluor® 647] NBP2-33108AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-33108AF647**

Podocalyxin Like Antibody (3D3) [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	3D3
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	5420
Gene Symbol	PODXL
Species	Human, Mouse, Rat, Rabbit
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27771514).
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	A recombinant protein fragment containing the intracellular, transmembrane, and part of the extracellular domain of human Podocalyxin Like (Uniprot: O00592)
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.



Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), CyTOF-ready





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### **Products Related to NBP2-33108AF647**

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IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
NB110-41503PEP	Podocalyxin Like Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
1658-PD-050	Podocalyxin Like [Unconjugated]

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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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