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## Product Datasheet

### **Podocalyxin Antibody, Clone: [2A4], Mouse, Monoclonal NSJ-V2792-100UG**

Article Name	Podocalyxin Antibody, Clone: [2A4], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2792-100UG
Supplier Catalog Number	V2792-100UG
Alternative Catalog Number	NSJ-V2792-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	IHC-P, WB
Species Reactivity	Human, Rat
Immunogen	A recombinant protein fragment containing the intracellular, transmembrane, and part of the extracellular domain of human PODXL was used as the immunogen for the Podocalyxin antibody.
Product Description	Podocalyxin/PODXL 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 express...
Clonality	Monoclonal
Clone Designation	[2A4]
UniProt	<a href="#">O00592</a>
Purity	PEG precipitation

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT, Western blot: 1-2ug/ml
Application Notes	<p>Optimal dilution of the Podocalyxin antibody should be determined by the researcher.</p> <p>1. 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 min</p> <p>2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.</p>