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Product Datasheet

Podocalyxin(3D3), 0.2mg/mL, IgG1, Clone: [3D3], Mouse, Monoclonal BOT-BNUB0427-100

Article Name	Podocalyxin(3D3), 0.2mg/mL, IgG1, Clone: [3D3], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUB0427-100
Supplier Catalog Number	BNUB0427-100
Alternative Catalog Number	BOT-BNUB0427-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC, WB
Species Reactivity	Human, Rabbit, Rat
Immunogen	A recombinant protein fragment containing the intracellular, transmembrane, and part of the extracellular domain of human podocalyxin
Product Description	Podocalyxin is a member of the CD34 transmembrane sialomucin family. It is highly on kidney podocyte foot projections and plays essential roles in kidney development and homeostasis, blood filtration and urine formation. It is also expressed on vascu...
Clonality	Monoclonal
Concentration	0.2 mg/mL
Clone Designation	[3D3]
Molecular Weight	165-170 kDa

Isotype	IgG1
UniProt	O00592
Buffer	PBS, 0.05% BSA, 0.05% azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody|Immunofluorescence: 1-2 ug/mL|Immunohistology formalin-fixed 0.5-1 ug/mL|Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes|Flow Cytometry 0.5-1 ug/million cells/0.1 mL|Western blotting 0.5-1 ug/mL|Immunoprecipitation 1-2 ug/500 ug protein|Optimal dilution for a specific application should be determined by user