

Datasheet for ABIN6295450

anti-PODXL antibody (Extracellular Domain)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PODXL
Binding Specificity:	Extracellular Domain
Reactivity:	Human, Rat, Rabbit
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PODXL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Purpose:	Mouse anti-Human/Rabbit/Rat Podocalyxin Antibody [Sodium Azide Free]
Immunogen:	A human recombinant protein fragment containing the intracellular, transmembrane, and part of the extracellular domain was used as the immunogen for the Podocalyxin antibody.
Specificity:	Cell surface and cytoplasmic
Purification:	A human recombinant protein fragment containing the intracellular, transmembrane, and part of the extracellular domain was used as the immunogen for the Podocalyxin antibody.

Target Details

Target:	PODXL
Alternative Name:	Podocalyxin (PODXL Products)

Target Details

Background:	Target Description: 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 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. Gene Symbol: PODXL///PCLP///PCLP1
Gene ID:	5420
UniProt:	O00592
Pathways:	Tube Formation

Application Details

Application Notes:	FACS: 0.5-1 µg/million cells IF: 1-2 µg/mL IP: 1-2 µg/500 µg protein WB: 0.5-1 µg/mL IHC (FFPE): 0.5-1 µg/mL for 30 min at RT (1) Prediluted format: incubate for 30 min at RT (2)
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS (pH 7.4), BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.