

Datasheet for ABIN6938204
anti-PODXL antibody (AA 310-447)



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Overview

Quantity:	100 µg
Target:	PODXL
Binding Specificity:	AA 310-447
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment of human Podocalyxin (around aa 310-447) (exact sequence is proprietary)
Clone:	PODXL-2184
Isotype:	IgG1 kappa
Specificity:	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.
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	PODXL
Alternative Name:	PODXL (PODXL Products)
Background:	PODXL, PDXL, GCTM-2, Gp200, PCLP1, Pcx, Podocalyxin-like protein 1, Podocalyxin (PODXL) (Hematopoietic Stem Cell Marker) Cellular localisation: Cell Surface and Cytoplasmic
Molecular Weight:	165-170kDa
Gene ID:	5420, 732423
UniProt:	O00592
Pathways:	Tube Formation

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: HeLa, Raji, Jurkat cells, Angiosarcoma, Breast, Prostate, Liver, Pancreatic, Kidney.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months