

Datasheet for ABIN7658735

anti-PODXL antibody (AA 310-447) (CF®405S)



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Overview

Quantity:	100 µL
Target:	PODXL
Binding Specificity:	AA 310-447
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PODXL antibody is conjugated to CF®405S
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Podocalyxin (PODXL) (Hematopoietic Stem Cell Marker)(PODXL/2184), CF405S conjugate
Immunogen:	Recombinant fragment of human Podocalyxin (around aa 310-447)
Clone:	PODXL-2184
Isotype:	IgG1, kappa
Characteristics:	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

Product Details

pathology. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	PODXL
Alternative Name:	Podocalyxin
Background:	Synonyms: PODXL, PDXL, GCTM-2, Gp200, PCLP1, Pcx, Podocalyxin-like protein 1 Gene Symbol: PODXL Tissue Expression: Kidney
Molecular Weight:	165-170 kDa
Gene ID:	5420
UniProt:	O00592
Pathways:	Tube Formation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: HeLa, Raji, Jurkat cells, Angiosarcoma, Breast, Prostate, Liver, Pancreatic, Kidney
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Protect from light
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Storage:	4 °C
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Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
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Expiry Date:	24 months
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