

PODXL

Reactivity: Human

Tested applications: WB IF

Recommended Dilution: WB 1:500 - 1:1000 IF 1:20 - 1:50

Calculated MW: 59kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human PODXL

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

Podocalyxin; PC; PCLP; Gp200; PCLP-1;

Catalog #: A5911

Antibody Type:

Monoclonal Antibody

Species: Mouse

Gene ID: 5420

Isotype: IgG

Swiss Prot: O00592

Purity: Affinity purification

For research use only.

Background:

Podocalyxin, also known as podocalyxin-like protein 1 (PODXL or PCLP1), is a transmembrane glycoprotein belonging to the CD34 family of sialomucins. Podocalyxin was originally identified as the major sialoprotein on podocytes of the kidney glomerulus, but was later found to be expressed on vascular endothelial cells and early hematopoietic progenitors. It involved in the regulation of both adhesion and cell morphology. In addition, podocalyxin is highly expressed in embryonic stem cells and aberrant expression of podocalyxin has been implicated in a wide range of cancers.

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