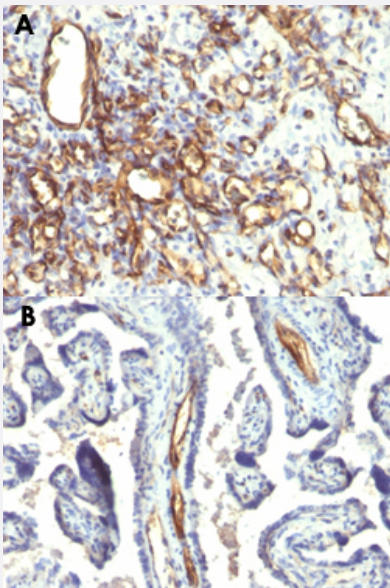


# PODXL monoclonal antibody, clone 2A4

Catalog # MAB13399      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human angiosarcoma (A) and human placenta (B) with PODXL monoclonal antibody, clone 2A4 (Cat # MAB13399).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant human PODXL.
<b>Immunogen</b>	Recombinant protein corresponding to intracellular, transmembrane, and part of the extracellular domain of human PODXL.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	165-170
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	PEG precipitation
<b>Isotype</b>	IgM

<b>Recommend Usage</b>	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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- Immunofluorescence
- Flow Cytometry

## Gene Info — PODXL

<b>Entrez GeneID</b>	<a href="#">5420</a>
<b>Protein Accession#</b>	<a href="#">O00592</a>
<b>Gene Name</b>	PODXL
<b>Gene Alias</b>	Gp200, MGC138240, PC, PCLP
<b>Gene Description</b>	podocalyxin-like
<b>Omim ID</b>	<a href="#">602632</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

<b>Gene Summary</b>	This gene encodes a member of the sialomucin protein family. The encoded protein was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular basement membrane. Other biological activities of the encoded protein include: binding in a membrane protein complex with Na <sup>+</sup> /H <sup>+</sup> exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin. [provided by RefSeq]
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Other Designations

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## Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Ovarian Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)