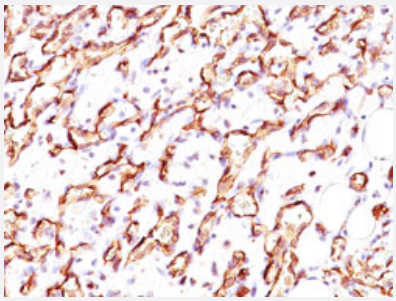
PODXL monoclonal antibody, clone 2A4

Catalog # MAB11359 Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical staining of human angiosarcoma with PODXL monoclonal antibody, clone 2A4 (Cat # MAB11359).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant PODXL.
Immunogen	A recombinant protein fragment containing the intracellular, transmembrane, and part of the extracell ular domain of human PODXL.
Host	Mouse
Reactivity	Human, Rabbit, Rat
Form	Liquid
Purification	Protein A/G purification
Isotype	IgM
Recommend Usage	Flow Cytometry (0.5-1 ug/million cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (0.5-1.0 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemical staining of human angiosarcoma with PODXL monoclonal antibody, clone 2A4 (Cat # MAB11359).

- Immunofluorescence

- Flow Cytometry

Gene Info — PODXL

Entrez GeneID	5420
Gene Name	PODXL
Gene Alias	Gp200, MGC138240, PC, PCLP
Gene Description	podocalyxin-like
Omim ID	602632
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the sialomucin protein family. The encoded protein was originall y identified as an important component of glomerular podocytes. Podocytes are highly differentiat ed epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular b asement membrane. Other biological activities of the encoded protein include: binding in a memb rane protein complex with Na+/H+ exchanger regulatory factor to intracellular cytoskeletal element s, playing a role in hematopoetic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin. [provided by RefSeq
Other Designations	-

Disease

- Genetic Predisposition to Disease
- Neoplasm Invasiveness
- Ovarian Neoplasms

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- Prostate cancer
- Prostatic Neoplasms

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