

## PODXL monoclonal antibody

Catalog: MB23148

Host: Mouse

Reactivity: Human

### BackGround:

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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

58.6kda

### Swiss-Prot:

O00592

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

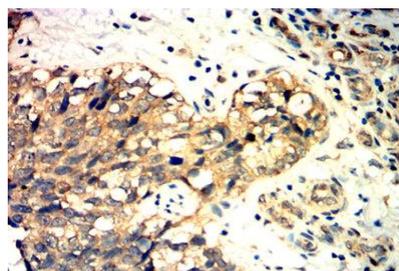
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

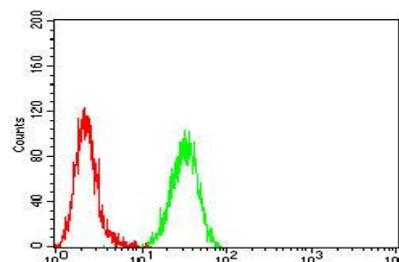
### Isotype:

Mouse IgG1

### DATA:



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using PODXL mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using PODXL mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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