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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PODXL monoclonal antibody, clone CL0308

Catalog Number: MAB15600

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant human PODXL.

Clone Name: CL0308

Immunogen: Recombinant protein corresponding to human PODXL.

Sequence:

LPETMSSSPTAASTTHRYPKTPSPTVAHESNWAKCED
LETQTQSEKQLVLNLTGNTLCAGGASDEKLISLICRAV
KATFNPAQDKCGIRLASVPGSQTVVVEITHTKLPKAD
VYERLKDKWDELKEAGVSDMKLGD

Host: Mouse

Epitope: This antibody binds to an epitope located within the peptide sequence IHTKLPKADVYERLK as determined by overlapping synthetic peptides.

Reactivity: Human

Applications: IHC-P, WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Isotype: IgG1

Recommend Usage: Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections)

(1:200-1:500)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5420

Gene Symbol: PODXL

Gene Alias: Gp200, MGC138240, PC, PCLP

Gene Summary: 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⁺/H⁺ 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]

References:

1. Podocalyxin-like and RNA-binding motif protein 3 are prognostic biomarkers in urothelial bladder cancer: a validity study. Boman K, Andersson G, Wennersten C, Nodin B, Ahlgren G, Jirstrom K. Biomark Res. 2017 Mar 14;5:10. doi: 10.1186/s40364-017-0090-y. eCollection 2017.
2. Membranous expression of podocalyxin-like protein is an independent factor of poor prognosis in urothelial bladder cancer. Boman K, Larsson AH, Segersten U, Kuteeva E, Johannesson H, Nodin B, Eberhard J, Uhlen M, Malmstrom PU, Jirstrom K. Br J Cancer. 2013 Jun 11;108(11):2321-8. doi: 10.1038/bjc.2013.215. Epub 2013 May 7.