

## Mouse Monoclonal Antibody to PODXL

**Catalogue Number** sAP-0555

**Target Molecule** **Name:** PODXL

**Aliases:** PC; PCLP; Gp200; PCLP-1; MGC138240

**MW:** 49kDa

**Entrez Gene ID: 5420**

**Description** 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)  
 Tissue specificity: Glomerular epithelium cell (podocyte)

**Immunogen** Purified recombinant fragment of human PODXL expressed in E. Coli. ;

**Reactive Species** Human

**Clone** MM5D4;

**Size and Concentration** 100 $\mu$ g/1mg/ml

**Supplied as** Lyophilized Powder from 100 $\mu$ l of Ascitic fluid containing 0.03% sodium azide.

**Reconstitution/Storages** Reconstituted with 100 $\mu$ l sterile DI H<sub>2</sub>O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1. Blood. 2009 Jan 22;113(4):816-26. ; 2. Am J Physiol Cell Physiol. 2009 Mar;296(3):C505-13.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**