



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-Podocalyxin [mAb3D3] Standard Size Ab04022-1.1

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** mAb3D3

**Alternative Name(s) of Target:** PC; PCLP-1; GCTM-2 antigen; Gp200; Podocalyxin-like protein 1; 3D3

**UniProt Accession Number of Target Protein:** O00592

**Published Application(s):** WB, IF

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing BALB/C mice with purified human podocalyxin-glutathione S-transferase (GST) fusion protein containing the intracellular, transmembrane, and a part of the extracellular domain of human PCLP.

**Specificity:** The antibody is specific for human podocalyxin. The epitope recognized by the antibody is located on the extracellular domain of podocalyxin. Podocalyxin, a sialoglycoprotein, is thought to be the major constituent of the glycocalyx of podocytes in the glomerulus (Bowman's capsule) in the kidneys. It is a member of the CD34 family of transmembrane sialomucins.

**Application Notes:** The antibody recognized rabbit PCLP1 in human renal cortical sections on immunofluorescence. The antibody detected PCLP by western blot analysis (Kershaw et al., 1997; PMID: 9188463). The antibody detected PCLP in HEV of tonsil by immunofluorescence analysis. The antibody immunoprecipitated PCLP from colon carcinoma cell lysate (Thomas et al., 2009; PMID: 19118161).

**Antibody First Published in:** Kershaw et al. Molecular cloning and characterization of human podocalyxin-like protein. Orthologous relationship to rabbit PCLP1 and rat podocalyxin. J Biol Chem. 1997 Jun 20;272(25):15708-14. doi: 10.1074/jbc.272.25.15708. PMID:9188463

**Note on publication:** The original paper describes the generation and characterization of the original antibody.

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.