

Rabbit Anti-PODXL [EP248]: RM0299

Intended Use: For Research Use Only

Description: Podocalyxin-like 1 (PODXL) is an anti-adhesive transmembrane protein belonging to the CD34 family of sialomucins. Podocalyxin-like 1 inhibits cell–cell interaction through charge-repulsive effects, and functions as an anti-adhesive molecule that maintains an open filtration pathway between neighboring foot processes in the podocyte. PODXL is primarily expressed in vascular endothelial cells. A high level of expression has been found in kidney podocytes. Overexpression of PODXL associated with poor prognosis has been found in several types of malignancies including cancers of the breast, prostate, and colon and malignant astrocytoma.

Specifications

Clone: EP248
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm, membrane
Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

| Description | Catalog No. | Size |
|--------------------|-------------|------|
| PODXL Concentrated | RM0299 | 1 ml |

IHC Procedure*

Positive Control Tissue: Breast cancer, kidney
Concentrated Dilution: 50-200
Pretreatment: EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.