

90 × 210mm サイズ

FUJIFILM

Wako

< for Research Use Only >

Code No. 011-27491 (100 μ g)

**Anti Human Podocalyxin,
Monoclonal Antibody (PcMab-47b)**
**抗ヒトポドカリキシン,
モノクローナル抗体 (PcMab-47b)**

Podocalyxin is a member of the CD34 family of type I transmembrane sialomucins. It is expressed in many normal cells such as renal podocytes and endothelial cells. It is also expressed in many types of tumor including colorectal cancers, breast cancers, and brain tumors. Overexpression of podocalyxin is an independent predictor of progression, metastasis, and poor prognosis. Recent studies indicate that the glycosylation of podocalyxin change depending on the state of the cells.

Anti human podocalyxin, monoclonal antibody (PcMab-47b) is established against recombinant human podocalyxin. This antibody recognized endogenous podocalyxin expressing cancer cell lines and normal cells independently of glycosylation.

This product is for laboratory use only ; use in any such application is the responsibility of the users.

Description

[Reactivity] Reacts with human podocalyxin in cancers and normal cells.

[Species cross reactivity] Human

[Clone No.] PcMab-47b

[Host] Mouse

[Subclass] IgG1 · κ

[Concentration] Indicated on the label.

[Formulation] PBS (pH 7.4) containing sodium azide

Application

ELISA

Flow Cytometry 1 μ g/mL ~

Immunohistochemistry 1 μ g/mL ~

*Please optimize the most appropriate concentration for your analysis conditions and samples.

Storage

Store at -20 °C.

Avoid repeated freeze and thaw.

Package

100 μ g

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Reference

- 1) Ogasawara, S. *et al.*, *Monoclon. Antib. Immunodiagn. Immunother.*, **36** (2), 50-56 (2017).

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