

90×210mmサイズ

FUJIFILM

Wako

< for Research Use Only >

Code No. 017-27471 (100 μ g)

**Anti Human Podoplanin,
Monoclonal Antibody (LpMab-19)**
**抗ヒトポドプランイン,
モノクローナル抗体 (LpMab-19)**

Podoplanin (PDPN), also known as Aggrus, is a type I transmembrane sialoglycoprotein, which possesses a platelet aggregation-stimulating (PLAG) domain in the N-terminal. PDPN is abundant not only in various tumors but also in normal cells such as lymphatic endothelial cells, renal glomerular epithelial cells, and lung type I alveolar epithelial cells. PDPN is expressed in many cancers, including oral cancer, malignant brain tumors, esophageal cancers, lung cancers, mesotheliomas, testicular tumors, and osteosarcomas.

Anti human podoplanin, monoclonal antibody (LpMab-19) is established against recombinant human podoplanin. This antibody recognizes Thr76-Arg79 of human podoplanin including sialylated Thr76.

This antibody detected glioblastoma and oral squamous carcinoma as well as normal lymphatic endothelial cells, lung type I alveolar cells, and renal glomerular epithelial cells.

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

Description

[Reactivity] Reacts with several type of human tumor cells and normal lymphatic endothelial cells, lung type I alveolar cells, and renal glomerular epithelial cells.

[Species cross reactivity] Human

[Clone No.] LpMab-19

[Host] Mouse

[Subclass] IgG2b $\cdot$ 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 $^{\circ}$ C.

Avoid repeated freeze and thaw.

Package

100 μ g

References

- 1) Ogasawara, S. *et al.*, *Monoclon. Antib. Immunodiagn. Immunother.*, **35** (5), 245-253 (2016).
- 2) Kaneko, M.K. *et al.*, *Cancer Med.*, **6** (2), 382-396 (2017).

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