

FUJIFILM**Wako**Code No. 011-28091 (500 μ L)

Anti Claudin-5, Monoclonal Antibody (M48) 抗 Claudin-5, モノクローナル抗体 (M48)

【Background】

Claudin-5 is a tetra-transmembrane protein with approximately 23 kDa, belongs to a member of Claudin family. It functions as a key component in blood-brain barrier¹⁾. This product is a mouse monoclonal antibody which specifically recognizes native form of Claudin-5, and has neutralizing activity which reduces barrier function in blood-brain barrier cell model¹⁾.

【Description】

[Reactivity]	Reacts with Claudin-5
[Antigen]	Human Claudin-5
[Species cross reactivity]	Human and Monkey
[Clone No.]	M48
[Host]	Mouse
[Isotype]	IgG3
[Concentration]	Indicated on the label
[Formulation]	PBS

【Applications】

Neutralizing assay (in vitro)	90-150 μ g/mL
Flow cytometry	0.5-5 μ g/mL

Optimal concentration should be determined by each laboratory for each application.

【Storage】

Store at -80°C.
Avoid repeated freeze and thaw.

【Package】

500 μ L

【Reference】

1) Hashimoto, Y., *et al.* : *J. Pharmacol. Exp. Ther.*, 363(2), 275(2017).

【Acknowledgement】

This product is sold under the license of Osaka University-Ehime University-FUJIFILM Wako Pure Chemical Corporation joint application patent.

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「Anti-cldn-5 antibody, and drug containing said antibody」

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