

FUJIFILM**Wako**Code No. 014-28101 (500 μ L)**Anti Claudin-5, Rat Monoclonal Antibody(R9)
抗 Claudin-5, ラットモノクローナル抗体(R9)****[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 rat monoclonal antibody which specifically recognizes 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.]	R9
[Host]	Rat
[Isotype]	IgG2b
[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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