

FUJIFILM

Wako

Code No. 014-28961 (50 μ L)

Anti *Segatella*, Monoclonal Antibody (SC-S10C3-49K1)

抗セガテラ, モノクローナル抗体 (SC-S10C3-49K1)

This product is a mouse monoclonal antibody against *Segatella*. *Segatella* is major gram-negative bacteria that inhabit various parts of the body in both human and other animal. They play an important role in oral, intestinal, and vaginal health, and disruption to the balance of these microorganisms is believed to be related to several health problems including periodontal disease, inflammatory bowel disease and bacterial vaginosis. These studies are important for understanding the relationship between the microbiota and health, and for developing new approaches that can be used for prevention and treatment. An enterotype is a classification of intestinal flora based on the similarity of the composition ratio of certain bacterial species, and it is known that *Segatella* has a large presence ratio in the intestines of Japanese people and is a determinant of enterotypes.

【Description】

[Reactivity] React with *Segatella copri* Glutamate dehydrogenase (gdhA).
[Species cross reactivity] *Segatella copri* (not tested for other species)
[Clone No.] SC-S10C3-49K1
[Host] Mouse
[Subclass] IgG2a
[Concentration] Indicated on the label.
[Formulation] D-PBS containing sodium azide.

【Application】

ELISA, Western Blotting, Flow Cytometry, Immuno Precipitation

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

【Dilution】

Western Blotting 1 : 40,000

【Storage】

Store at -20°C.
Avoid repeated freeze and thaw.

【Package】

50 μ L

【Reference】

- 1) Yoshii, K., *et al.* : *Sci. Rep.*, **15**, 16814 (2025)
Establishment of enterotype-specific antibodies for various diagnostic systems
<https://doi.org/10.1038/s41598-025-01144-6>

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