

FUJIFILM

Wako

Code No. 017-28951 (50 μ L)

Anti *Phocaeicola*, Monoclonal Antibody (PV-S10F7-14K1)

抗フォカエイコラ, モノクローナル抗体 (PV-S10F7-14K1)

This product is a mouse monoclonal antibody against *Phocaeicola*. *Phocaeicola* is major microorganisms in the human gut, and contribute greatly to digestion, metabolism, and immune function. They usually function as symbiotic bacteria having anti-inflammatory properties.

Research on the *Phocaeicola* genus is expected to lead to the maintenance of healthy intestinal flora and the prevention of disease.

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 *Phocaeicola* has a large presence ratio in the intestines of Japanese people and is a determinant of enterotypes.

【Description】

[Reactivity] React with *Phocaeicola vulgatus* tRNA threonylcarbamoyladenosine biosynthesis protein TsAe.

[Species cross reactivity] *Phocaeicola vulgatus* (not tested for other species)

[Clone No.] PV-S10F7-14K1

[Host] Mouse

[Subclass] IgG3

[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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