

FUJIFILM

Wako

Code No. 010-28941 (50 μ L)

Anti *Phocaeicola*, Monoclonal Antibody (PV-L1A6-117K2)

抗フォカエイコラ, モノクローナル抗体 (PV-L1A6-117K2)

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 <i>Phocaeicola vulgatus</i> DUF4988 domain-containing protein.
[Species cross reactivity]	<i>Phocaeicola vulgatus</i> (not tested for other species)
[Clone No.]	PV-L1A6-117K2
[Host]	Mouse
[Subclass]	IgG2b
[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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