

Anti CPM, Monoclonal Antibody (WK)

Carboxypeptidase M (CPM) is an enzyme which exists on the surface of cells, and catalyzes cleavage of C-terminal arginine and lysine residues from polypeptides and proteins. In recent studies, CPM was reported as a surface marker useful for sorting human airway, alveolar, and liver progenitor cells.

This product is for laboratory research use only ; use in any such application is the responsibility of the user.

[Formulation] : Phosphate buffer containing 50 w/v% Glycerol and 0.05 w/v% Sodium Azide

[Source] : Purified from hybridoma culture supernatant using protein A agarose

[Clone No.] : WK

[Host] : Mouse

[Subclass] : IgG2b

[Antigen] : Recombinant CPM protein

[Concentration] : Indicated on the label

[Application] :

Flow Cytometry	1 : 100 ~ 200
Immunofluorescence	1 : 100 ~ 1,000
Western Blotting	1 : 1,000

[Package] : 100 μ L

[Storage] : Store at -20°C

[References] :

- 1). Yamamoto, Y., Gotoh, S., Korogi, Y., Seki, M., Konishi, S., Ikeo, S., Sone, N., Nagasaki, T., Matsumoto, H., Muro, S., Ito, I., Hirai, T., Kohno, T., Suzuki, Y., and Mishima, M. : *Nat. Methods*, (2017).

- 2). Konishi, S., Gotoh, S., Tateishi, K., Yamamoto, Y., Korogi, Y., Nagasaki, T., Matsumoto, H., Muro, S., Hirai, T., Ito, I., Tsukita, S., and Mishima, M. : *Stem Cell Reports*, **6**, 18 (2016).
- 3). Kido, T., Kouji, Y., Suzuki, K., Kobayashi, A., Miura, Y., Chem, EY., Tanaka, M., and Miyajima, A. : *Stem Cell Reports*, **5**, 508 (2015).
- 4). Gotoh, S., Ito, I., Nagasaki, T., Yamamoto, Y., Konishi, S., Korogi, Y., Matsumoto, H., Muro, S., Hirai, T., Funato, M., Mae, S., Toyoda, T., Sato-Otsubo, A., Ogawa, S., Osafune, K., and Mishima, M. : *Stem Cell Reports*, **3**, 394 (2014).

FUJIFILM Wako Pure Chemical Corporation

1-2, Doshomachi 3-Chome, Chuo-Ku, Osaka 540-8605, Japan
Telephone : + 81-6-6203-3741
Facsimile : + 81-6-6201-5964
<http://ffwk.fujifilm.co.jp>

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