

FUJIFILM

Wako

Code No. 013-26471 (100 μ L)

**Anti Iba1, Rabbit, Red Fluorochrome
(635)-conjugated
抗 Iba1, ウサギ, 赤色蛍光色素(635)結合**

[Background]

Iba1 is a protein highly expressed in microglia and macrophage with a molecular weight of about 16.7 kDa¹⁾. The protein is commonly known as a microglial marker in the nervous system. This item is Anti Iba1, Rabbit (for Immunocytochemistry) : Code No. 019-19741, labeled with a Red Fluorochrome (635) like Cy5TM 2).

For research use only. Not for use in diagnostic procedure.

[Description]

[Purification] Purified from rabbit antiserum by antigen-affinity chromatography and conjugated with a Red Fluorochrome (635).
[Reactivity] Reacts with Iba1.
[Antigen] Synthetic peptide corresponding to C-terminus of Iba1
[Species cross reactivity] Mouse, Rat
(Other species have not been tested.)
[Host] Rabbit
[Formulation] D-PBS with 0.05% Sodium Azide.
[Conjugate] Red Fluorochrome (635)
Excitation = 634 nm
Emission = 654 nm

[Applications]

Immunohistochemistry (frozen) 1 : 200 ~ 2,000
Optimal concentration should be determined by each laboratory for each application.

[Storage]

Store at 2 ~ 10°C.

[Package]

100 μ L

[Recommended protocol (IHC, frozen section)]

Rat or mouse was perfusion-fixed with 4% paraformaldehyde. The brain tissue replaced sucrose, and prepared 50 μ m frozen section by microtome.

Wash : 0.3% TritonX-100 in PBS, 5 min \times 3

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Blocking : 1% BSA, 0.3% TritonX-100/PBS, 2 hour, RT

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Anti Iba1, Rabbit, Red Fluorochrome (635)-conjugated (013-26471, 1/200), 1% BSA, and 0.3% TritonX-100 in PBS, Over night, 4°C

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Wash : 0.3% TritonX-100 in PBS, 5 min \times 3

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Mount

[Reference]

- 1) Imai, Y., Ibata, I., Ito, D., Ohsawa, K. and Kohsaka, S. : *Biochem. Biophys. Res. Commun.*, **224**, 855 (1996).
- 2) Inyang, K. E., *et al.* : *Pharmacol. Res.*, **139**, 1 (2019).

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://www.wako-chem.co.jp>

FUJIFILM Wako Chemicals U.S.A. Corporation

1600 Bellwood Road
Richmond, VA 23237
U.S.A.
Telephone : + 1-804-271-7677
Facsimile : + 1-804-271-7791
<http://www.wakousa.com>

FUJIFILM Wako Chemicals Europe GmbH

Fuggelstrasse 12
D-41468 Neuss
Germany
Telephone : + 49-2131-3111-0
Facsimile : + 49-2131-311100
<http://www.wako-chemicals.de>