

FUJIFILM

Wako

Code No. 012-28401

**Anti Iba1, Rabbit, SPICA Dye™
594-conjugated
抗 Iba1, ウサギ, SPICA Dye™ 594 結合**

【Background】

Iba1 is a protein with a molecular weight of approximately 16.7 kDa that is highly expressed in microglia and macrophages in the nervous system¹⁾ and is known to be a microglial marker. This product is prepared by labelling an Anti Iba1, Rabbit (for Immunocytochemistry) [Code No. 019-19741] with SPICA Dye™ 594 (Excitation = 575 nm, Emission = 611 nm).

【Details】

- Purification : Purified from rabbit serum by antigen affinity chromatography and labeled with SPICA Dye™ 594
- Reactivity : Reactive to Iba1
- Antigen : A synthetic peptide of C-terminus of Iba1
- Species cross-reactivity : Mouse, rat (not studied in other species)
- Host : Rabbit
- Concentration : Described on the label
- Description : Liquid
- Composition : PBS, 0.05% sodium azide
- Conjugate : SPICA Dye™ 594 (Excitation = 575 nm, Emission = 611 nm)

【Application】

Immunohistochemistry 1 : 200-2,000

*The optimum concentration should be determined in each laboratory.

【Storage】

Store at 2-10°C in the dark.

【Package】

Code No.	Package
012-28401	100 μL

[Recommended protocol (immunohistochemistry, frozen section)]

1. Preparation of tissues
Mouse or rat tissues are fixed by perfusion with 4% paraformaldehyde.
The brain tissue is equilibrated with sucrose solution and 25 μm frozen sections are made with a microtome.
2. Wash (0.3% TritonX-100/PBS, 5 min × 3)
3. Blocking (1% BSA, 0.3% TritonX-100/PBS, 2 hours, RT)
4. Antibody staining (Anti Iba1, Rabbit, SPICA Dye™ 594-conjugated (1/200), 1% BSA, 0.3% TritonX-100/PBS,

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overnight, 4°C).

5. Wash (0.3% TritonX-100/PBS, 5 min × 3)

6. Mount

【Reference】

- 1) Imai, Y., Ibata, I., Ito, D., Ohsawa, K. and Kohsaka, S. : *Biochem. Biophys. Res. Commun.*, **224**, 855 (1996).

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