

**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 system<sup>1)</sup> 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,

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).

**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://fwk.fujifilm.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**

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