

**FUJIFILM**

**Wako**

Code No. 015-28011 (100  $\mu$ L)

**Anti Iba1, Rabbit, SPICA Dye™  
568-conjugated  
抗 Iba1, ウサギ, SPICA Dye™ 568 結合**

**[Background]**

Iba1 is a protein highly expressed in microglia and macrophage with a molecular weight of about 16.7 kDa<sup>1)</sup>. 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 SPICA Dye™ 568 (Excitation=556 nm, Emission=591 nm).

**[Description]**

[Purification] Purified from rabbit antiserum by antigen-affinity chromatography and conjugated with a SPICA Dye™ 568.  
[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  
[Concentration] 0.5 mg/mL  
[Formulation] D-PBS with 0.05% Sodium Azide.  
[Conjugate] SPICA Dye™ 568 (Excitation=556 nm, Emission=591 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 in the dark.

**[Package]**

100  $\mu$ L

**[Recommended protocol (Immunohistochemistry, frozen section)]**

Rat or mouse was perfusion-fixed with 4% paraformaldehyde. The brain tissue replaced sucrose, and prepared 25  $\mu$ m frozen section by microtome.

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

↓

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

↓

Anti Iba1, Rabbit, SPICA Dye™ 568-conjugated (015-28011, 1/200), 1% BSA, and 0.3% TritonX-100 in PBS, over night, 4°C

↓

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

↓

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://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**

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