

**FUJIFILM**

**Wako**

Code No. 013-26471 (100  $\mu$ 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 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 Red Fluorochrome (635) like Cy5<sup>TM 2)</sup>.

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<br>(Other species have not been tested.)   |
| [Host]                     | Rabbit  |
| [Formulation]              | D-PBS with 0.05% Sodium Azide.  |
| [Conjugate]                | Red Fluorochrome (635)<br>Excitation = 634 nm<br>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  $\mu$ L

### 【Recommended protocol (IHC, frozen section)】

Rat or mouse was perfusion-fixed with 4% paraformaldehyde. The brain tissue replaced sucrose, and prepared 50  $\mu$ 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://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>