

**FUJIFILM**

**Wako**

Code No. 015-28011 (100  $\mu$ L)  
011-28013 (10  $\mu$ 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). For Research Use Only. Not for use in diagnostic procedure.

**【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】**

Code No.	Packaging
015-28011	100 $\mu$ L
011-28013	10 $\mu$ 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

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

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Anti Iba1, Rabbit, SPICA Dye™ 568-conjugated (015-28011, 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).

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