

FUJIFILM

Wako

Code No. 282-37691

**Anti Iba1, Rabbit, Green Fluorochrome
(488)-conjugated (Prototype)
抗 Iba1, ウサギ, 緑色蛍光色素 (488)
結合 (プロトタイプ)**

[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] a green, fluorescent dye that has excitation and emission spectra similar to FITC (Excitation = 501 nm, Emission = 513 nm).

[Details]

- Purification : Purified from rabbit serum by antigen affinity chromatography and labeled with Green Fluorochrome (488)
- Reactivity : Reactive to Iba1
- Antigen : A synthetic peptide of C-terminus of Iba1
- Species cross-reactivity : Rat (not studied in other species)
- Host : Rabbit
- Concentration : Described on the label
- Description : Liquid
- Composition : PBS, 0.05% sodium azide
- Conjugate : Green Fluorochrome (488) (Excitation = 501 nm, Emission = 513 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
282-37691	100 μ L

[Recommended protocol (immunohistochemistry, frozen section)]

1. Preparation of tissues
Rat tissues are fixed by perfusion with 4% paraformaldehyde. The brain tissue is equilibrated with sucrose solution and 25 μ m frozen sections are made with a microtome.
2. Wash (0.3% TritonX-100/PBS, 5 min \times 3)
3. Blocking (1% BSA, 0.3% TritonX-100/PBS, 2 hours, RT)
4. Antibody staining (Anti Iba1, Rabbit, Green Fluorochrome (488)-conjugated (Prototype) (1/200), 1% BSA, 0.3% TritonX-100/

PBS, overnight, 4°C).

5. Wash (0.3% TritonX-100/PBS, 5 min \times 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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