

FUJIFILM

Wako

Code No. 011-27991

Anti Iba1, Goat 抗 Iba1, ヤギ

[Background]

Iba1 is a protein highly expressed in microglia and macrophages with a molecular weight of about 16.7 kDa¹⁾. The protein is a commonly known microglial marker in the nervous system. This item is a goat polyclonal antibody that reacts with Iba1. For Research Use Only. Not for use in diagnostic procedures or therapeutic use.

[Description]

[Purification]	Purified from the goat serum by antigen-affinity chromatography
[Reactivity]	Reacts with Iba1
[Antigen]	Synthetic peptide corresponding to the C-terminus of Iba1
[Clone No.]	- (polyclonal)
[Species cross reactivity]	Mouse and Rat (Other species have not been tested)
[Host]	Goat
[Concentration]	indicated on the label
[Formulation]	TBS

[Applications]

Immunohistochemistry (frozen section)	1 : 250-1,000
Immunohistochemistry (paraffin section)	1 : 250-1,000
Western Blot	1 : 1,000

Optimal concentration should be determined by each laboratory for each application.

[Storage]

Store at -20°C .
Avoid repeated freeze and thaw.

[Package]

100 µL

[Recommended protocol (Immunohistochemistry frozen section)]

Wistar rat or ICR mouse was perfusion-fixed with 4% paraformaldehyde, replaced sucrose, and prepared 25 µm brain section by microtome.

Wash : 0.3% TritonX-100 in PBS, 5 min × 3

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Blocking : 1% BSA and 0.3% TritonX-100 in PBS, 2 hour, RT

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Primary antibody : goat anti-Iba1 (1/1000), 1% BSA, and 0.3%

TritonX-100 in PBS, overnight, 4°C

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Wash : 0.3% TritonX-100 in PBS, 5 min × 3

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Secondary antibody : AlexaFluor488 anti-goat IgG (1/1000, Jackson Immuno Research Laboratories #705-545-147), 1% BSA, and 0.3% TritonX-100 in PBS, 2 hour, RT

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Wash : 0.3% TritonX-100 in PBS, 5 min × 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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