

Iba1 antibody [GT10312]

Cat. No. GTX632426

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P, FACS, IHC (Free Floating)
Reactivity	Human, Mouse, Rat, Zebrafish

Reference (30)

★★★★★ Review (3)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
FACS	1:50-1:200
IHC (Free Floating)	Assay dependent

Not tested in other applications.

Calculated MW 17 kDa. ([Note](#))

PROPERTIES

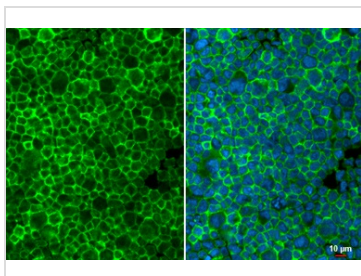
Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Iba1. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

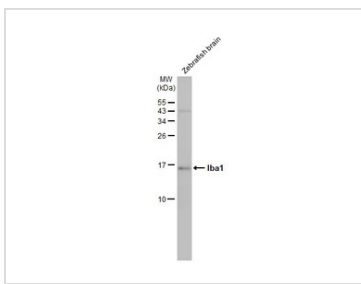
DATA IMAGES

GTX632426 ICC/IF Image

Iba1 antibody [GT10312] detects Iba1 protein at cell membrane by immunofluorescent analysis.

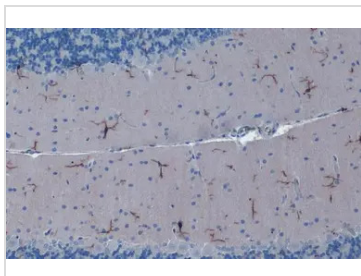
Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Iba1 stained by Iba1 antibody [GT10312] (GTX632426) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).


GTX632426 WB Image

Whole cell extract (30 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with Iba1 antibody [GT10312] (GTX632426) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

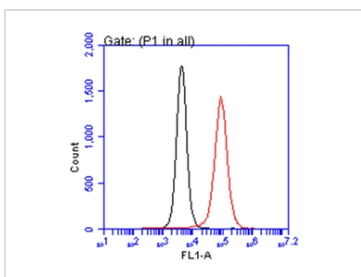

GTX632426 IHC-P Image

Iba1 antibody [GT10312] detects Iba1 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat cerebellum.

Iba1 stained by Iba1 antibody [GT10312] (GTX632426) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX632426 FACS Image

Iba1 antibody [GT10312] (GTX632426) detects AIF1 protein by flow cytometry analysis.

Sample: THP-1 cell.

Black: Unlabelled sample was used as a control.

Red: Iba1 antibody [GT10312] (GTX632426) dilution: 1:50.

Acquisition of 20,000 events were collected for FACS analysis.



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