Iba1 antibody [GT10312]

Cat. No. GTX632426

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, IHC-P, FCM, IHC (Free Floating)
Reactivity	Human, Mouse, Rat, Zebrafish

References (45)

Review (3)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:100-1:1000
FCM	Assay dependent
IHC (Free Floating)	Assay dependent

Note : Permeabilization : 0.1% saponin
This product requires antigen retrieval using heat treatment prior to staining of free-floating sections.

Not tested in other applications.

Observed MW (kDa)	17 kDa.
Product Note	This antibody may not be suitable for zebrafish IHC-P / FCM / IHC (Free Floating) assay, as its zebrafish reactivity is based on WB testing. Based on sequence homology, this antibody is predicted to recognize Iba-1 isoforms 1-3.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 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.

For full product information, images and publications, please visit our website.

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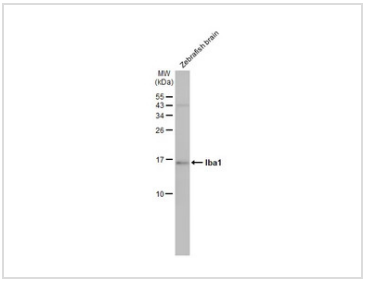
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



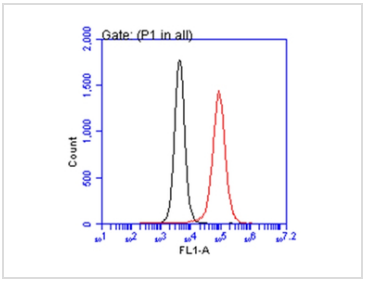
GTX632426 IHC-P Image

Iba1 antibody [GT10312] detects Iba1 protein by immunohistochemical analysis.
Sample: Paraffin-embedded human brain.
Iba1 stained by Iba1 antibody [GT10312] (GTX632426) diluted at 1:200.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



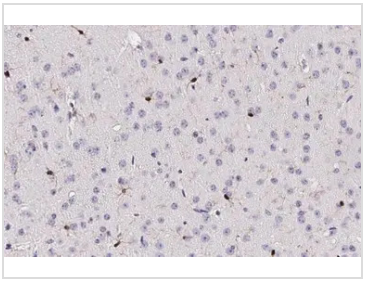
GTX632426 WB Image

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 FCM 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.



GTX632426 IHC-P Image

Iba1 antibody [GT10312] detects Iba1 protein at microglia by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
Iba1 stained by Iba1 antibody [GT10312] (GTX632426) diluted at 1:200.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

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