

# Iba1 antibody [GT10312]

**Cat. No. GTX632426**

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

References ( 37 )

★★★★★ 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	1:50-1:200
IHC (Free Floating)	Assay dependent

**Note : This product requires antigen retrieval using heat treatment prior to staining of free-floating sections.**

Not tested in other applications.

<b>Observed MW (kDa)</b>	17 kDa.
<b>Product Note</b>	This antibody may not be suitable for zebrafish IHC-P / FCM / IHC (Free Floating) assay, as its zebrafish reactivity is based on WB testing.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Iba1. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated



For full product information, images and publications, please visit our [website](#).

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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**

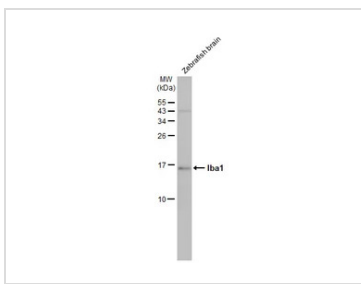
**GTX632426 IHC-P Image**

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

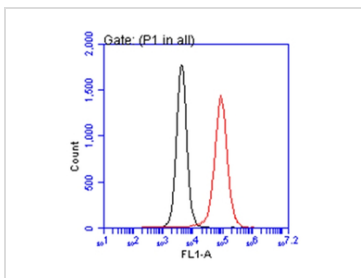
Sample: Paraffin-embedded human brain.

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**

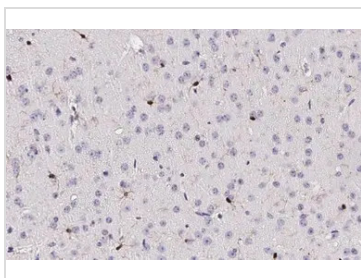
Iba1 antibody [GT10312] (GTX632426) detects AIF1 protein by flow cytometry analysis.

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



For full product information, images and publications, please visit our [website](https://www.genetex.com).