

For Research Use Only

# CoraLite®594-conjugated IBA1 Polyclonal antibody

Catalog Number:CL594-10904

Featured Product

2 Publications



## Basic Information

Catalog Number:

CL594-10904

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1363

GenBank Accession Number:

BC009474

GeneID (NCBI):

199

ENSEMBL Gene ID:

ENSG00000204472

UNIPROT ID:

P55008

Full Name:

allograft inflammatory factor 1

Calculated MW:

17 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC, IF-P

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse, rat

Positive Controls:

IF-P: rat brain tissue,

IF/ICC: BV-2 cells,

## Background Information

IBA1 is a 143 amino acid cytoplasmic, inflammation response scaffold protein. It is constitutively expressed in monocytes and macrophages and is known to be involved in macrophage activation. It is a marker of activated macrophage. Expression of IBA1 is up-regulated in activated microglia following facial nerve axotomy, ischemia, and several brain diseases, thereby implicating it in the activated phenotypes of microglia.

## Notable Publications

Author	Pubmed ID	Journal	Application
Lele Deng	35665659	Mol Immunol	IF
Beibei Liu	39415414	Mol Pain	IF

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

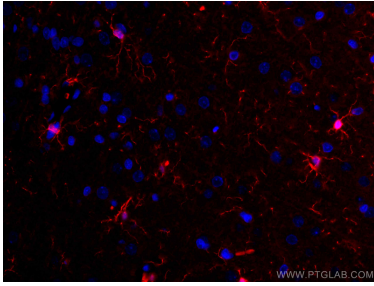
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

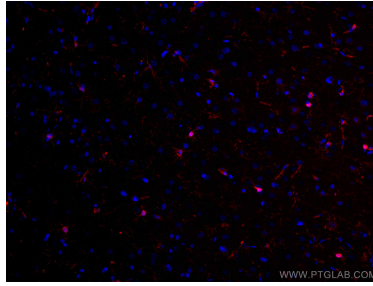
W: [ptgcn.com](http://ptgcn.com)

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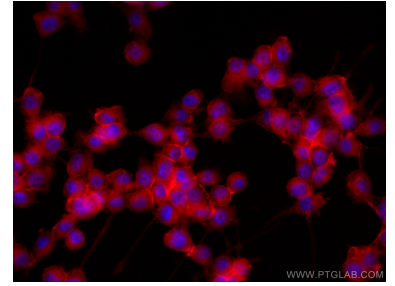
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using CoraLite®594 IBA1 antibody (CL594-10904) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using CoraLite®594 IBA1 antibody (CL594-10904) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Ethanol) fixed BV-2 cells using CoraLite®594 IBA1 antibody (CL594-10904) at dilution of 1:200.