

For Research Use Only

CoraLite®594-conjugated IBA1 Monoclonal antibody

Catalog Number: CL594-66827

1 Publications



Basic Information

Catalog Number:

CL594-66827

Size:

2000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28236

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:

Protein G purification

CloneNo.:

1C6A10

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

Cited Applications:

IF

Species Specificity:

human

Cited Species:

mouse

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
Chan Chen	30980952	Brain Behav Immun	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:

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