

For Research Use Only

# CoraLite®594-conjugated IBA1 Monoclonal antibody

Catalog Number: CL594-66827

1 Publications



## Basic Information

<b>Catalog Number:</b> CL594-66827	<b>GenBank Accession Number:</b> BC009474	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 2000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 199	<b>CloneNo.:</b> 1C6A10
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000204472	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P55008	
<b>Immunogen Catalog Number:</b> AG28236	<b>Full Name:</b> allograft inflammatory factor 1	
	<b>Calculated MW:</b> 17 kDa	

## 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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data