

For Research Use Only

CoraLite®532-conjugated IBA1 Recombinant antibody

Catalog Number:CL532-81728



Basic Information

Catalog Number: CL532-81728	GenBank Accession Number: BC009474	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 199	CloneNo.: 4D5
Source: Rabbit	ENSEMBL Gene ID: ENSG00000204472	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG	UNIPROT ID: P55008	Excitation/Emission maxima wavelengths: 537 nm / 560 nm
Immunogen Catalog Number: AG1363	Full Name: allograft inflammatory factor 1	
	Calculated MW: 17 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P: rat brain tissue,
Species Specificity: human, mouse, rat	

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.

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

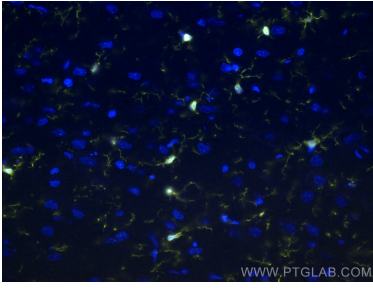
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using CoraLite®532 IBA1 antibody (CL532-81728, Clone: 4D5) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).