

For Research Use Only

CoraLite® Plus 488-conjugated ARP3/ARP3B Monoclonal antibody

Catalog Number:CL488-68439



Basic Information

Catalog Number: CL488-68439	GenBank Accession Number: BC044590	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10096	CloneNo.: 1D12C7
Source: Mouse	UNIPROT ID: P61158	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: ARP3 actin-related protein 3 homolog (yeast)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG5017	Calculated MW: 418 aa 47 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HUVEC cells,
Species Specificity: human, mouse, rat, pig, rabbit	

Background Information

ARP3 (also known as ACTR3) is a major constituent of the ARP2/3 complex that is necessary for nucleating actin polymerization at filament branches. ARP3 localizes to the lamellipodia of stationary and locomoting fibroblasts. Overexpression of ARP3 has been reported in several types of cancer cells. This antibody recognizes endogenous ARP3 and may cross-react with ATCR3B.

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

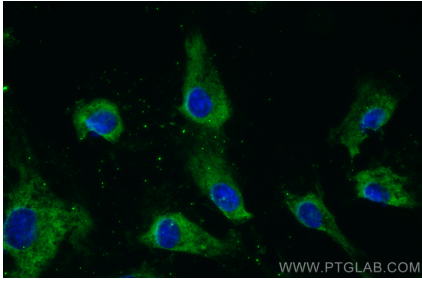
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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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 (-20°C Methanol) fixed HUVEC cells using Coralite® Plus 488 ARP3/ARP3B antibody (CL488-68439, Clone: 1D12C7) at dilution of 1:200.