

For Research Use Only

# CoraLite® Plus 488-conjugated ARP3/ARP3B Monoclonal antibody

Catalog Number:CL488-68439



## Basic Information

Catalog Number:

CL488-68439

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5017

GenBank Accession Number:

BC044590

GeneID (NCBI):

10096

UNIPROT ID:

P61158

Full Name:

ARP3 actin-related protein 3 homolog  
(yeast)

Calculated MW:

418 aa 47 kDa

Observed MW:

47 kDa

Purification Method:

Protein G purification

CloneNo.:

1D12C7

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat, pig, rabbit

Positive Controls:

IF/ICC : HUVEC cells,

## 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:

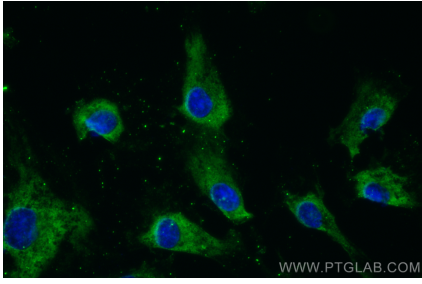
T: 4006900926

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

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