

For Research Use Only

CoraLite® Plus 488-conjugated ACTN3 Polyclonal antibody



Catalog Number: **CL488-24378**

Basic Information

Catalog Number:

CL488-24378

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19479

GenBank Accession Number:

BC099647

GeneID (NCBI):

89

UNIPROT ID:

Q08043

Full Name:

actinin, alpha 3

Calculated MW:

901 aa, 103 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P, FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

IF-P: mouse skeletal muscle tissue,

Background Information

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:

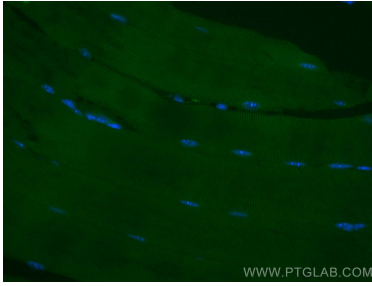
T: 4006900926

E: Proteintech-CN@ptglab.com

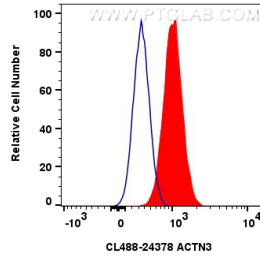
W: ptgcn.com

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 (4% PFA) fixed paraffin-embedded mouse skeletal muscle tissue using CoraLite® Plus 488 ACTN3 antibody (CL488-24378) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 C2C12 cells were intracellularly stained with 0.4 μ g CoraLite® Plus 488 Actn3 Polyclonal Antibody (CL488-24378)(red), or 0.4 μ g CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).