

For Research Use Only

CoraLite®594-conjugated ANKRD1 Monoclonal antibody



Catalog Number:CL594-67775

Basic Information

Catalog Number:

CL594-67775

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG29974

GenBank Accession Number:

BC018667

GeneID (NCBI):

27063

UNIPROT ID:

Q15327

Full Name:

ankyrin repeat domain 1 (cardiac muscle)

Calculated MW:

319 aa, 36 kDa

Purification Method:

Protein A purification

CloneNo.:

1F11F1

Recommended Dilutions:

IF 1:500-1:2000

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat, rabbit, pig

Positive Controls:

IF : A431 cells,

Background Information

Ankyrin repeat domain-containing protein 1(ANKRD1) belongs to the conserved muscle ankyrin repeat protein(MARP) family, whose expression is induced in response to physiologic stress, injury and hypertrophy. Thus its expression mainly in activated vascular endothelial cells. ANKRD1 may regulate SMC proliferation through the CDKN1A pathway. It functions as a nuclear transcription repressor that regulate cardiac gene's expression

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:

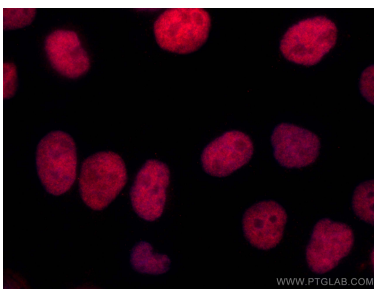
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite®594 ANKRD1 antibody (CL594-67775, Clone: 1F11F1) at dilution of 1:1000.