

For Research Use Only

CoraLite®594-conjugated ANKRD1 Monoclonal antibody



Catalog Number:CL594-67775

Basic Information

Catalog Number: CL594-67775	GenBank Accession Number: BC018667	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 27063	CloneNo.: 1F11F1
Source: Mouse	Full Name: ankyrin repeat domain 1 (cardiac muscle)	Recommended Dilutions: IF 1:500-1:2000
Isotype: IgG2b	Calculated MW: 319 aa, 36 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG29974		

Applications

Tested Applications: IF	Positive Controls: IF : A431 cells,
Species Specificity: Human, mouse, rat, rabbit, pig	

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

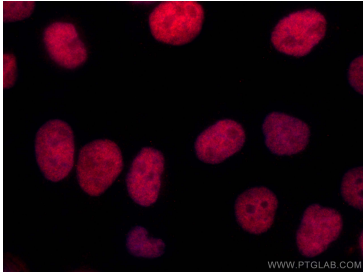
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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 CoralLite®594 ANKRD1 antibody (CL594-67775, Clone: 1F11F1) at dilution of 1:1000.