

For Research Use Only

ANKRD1 Monoclonal antibody, PBS Only

Catalog Number: 67775-1-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
67775-1-PBS	BC018667	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1mg/ml	27063	1F11F1
Source:	UNIPROT ID:	
Mouse	Q15327	
Isotype:	Full Name:	
IgG2b	ankyrin repeat domain 1 (cardiac muscle)	
Immunogen Catalog Number:	Calculated MW:	
AG29974	319 aa, 36 kDa	

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse, rat, pig, rabbit

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

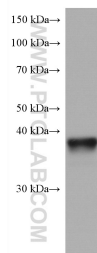
T: 4006900926

E: Proteintech-CN@ptglab.com

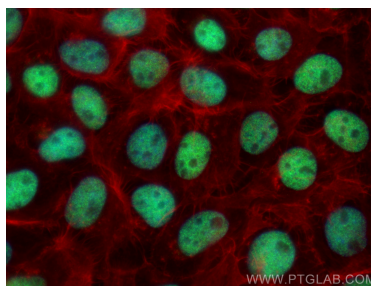
W: ptgcn.com

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Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 67775-1-Ig (ANKRD1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67775-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ANKRD1 antibody (67775-1-Ig, Clone: 1F11F1) at dilution of 1:2000 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 67775-1-PBS in a different storage buffer formulation.