

For Research Use Only

ANKRD1 Monoclonal antibody, PBS Only



Catalog Number: 67775-1-PBS

Basic Information

Catalog Number: 67775-1-PBS	GenBank Accession Number: BC018667	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 27063	CloneNo.: 1F11F1
Source: Mouse	UNIPROT ID: Q15327	
Isotype: IgG2b	Full Name: ankyrin repeat domain 1 (cardiac muscle)	
Immunogen Catalog Number: AG29974	Calculated MW: 319 aa, 36 kDa	

Applications

Tested Applications:
WB, IF, ELISA

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. Stable for one year after shipment.

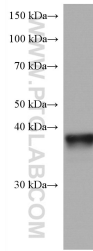
Storage Buffer:
PBS only

Aliquoting is unnecessary for -20°C storage

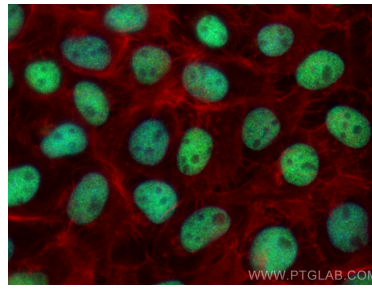
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

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.