

For Research Use Only

ACD Recombinant monoclonal antibody

Catalog Number: 88168-3-RR



Basic Information

Catalog Number: 88168-3-RR	GenBank Accession Number: BC016904	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 65057	CloneNo.: 260314F11
Source: Rabbit	UNIPROT ID: Q96AP0	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: adrenocortical dysplasia homolog (mouse)	
Immunogen Catalog Number: AG23021	Calculated MW: 58 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, IMR-32 cells, SiHa cells, Raji cells
Species Specificity: human	

Background Information

ACD (Adrenocortical Dysplasia Homolog), also known as TPP1 or POT1- and TIN2-Organizing Protein, is a core component of the telomeric Shelterin complex. It participates in telomere length maintenance, telomere structural protection, and regulation of genomic stability. Together with POT1, TIN2, TRF1, TRF2, RAP1, and TIN2, ACD assembles into the Shelterin complex, which coats telomeric DNA, suppresses DNA damage response and telomere fusion, and prevents chromosome ends from being recognized as DNA double-strand breaks. Mutations in the ACD gene cause Dyskeratosis Congenita, Hoyeraal-Hreidarsson syndrome, and bone marrow failure syndromes, and are closely associated with telomerase dysfunction.

Storage

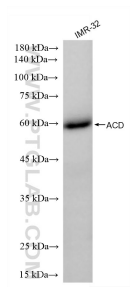
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

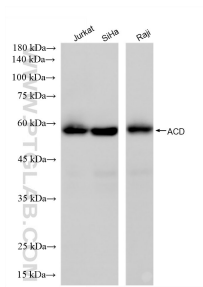
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



IMR-32 cells were subjected to SDS PAGE followed by western blot with 88168-3-RR (ACD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 88168-3-RR (ACD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.