

For Research Use Only

ADI1 Recombinant monoclonal antibody

Catalog Number:87964-1-RR



Basic Information

Catalog Number: 87964-1-RR	GenBank Accession Number: NM_018269.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 55256	CloneNo.: 260044G10
Isotype: IgG	UNIPROT ID: Q9BV57-1	Recommended Dilutions: WB: 1:1000-1:8000
Immunogen Catalog Number: EG5924	Full Name: acireductone dioxygenase 1	
	Calculated MW: 21 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, A172 cells, MCF-7 cells
Species Specificity: human	

Background Information

ADI1(acireductone dioxygenase 1) is also named as SIPL, ARD, APL1, HMFT1638, MTCBP-1, FLJ10913, MTCBP1 and belongs to the acireductone dioxygenase (ARD) family. It catalyzes the formation of formate and 2-keto-4-methylthiobutyrate (KMTB) from 1,2-dihydroxy-3-keto-5-methylthiopentene (DHK-MTPene).The downregulation of ADI1 protein expression in human prostate cancer specimens argues that ADI1 potentially inhibits the growth that occurs during prostate cancer progression(PMID:17786183).

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

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

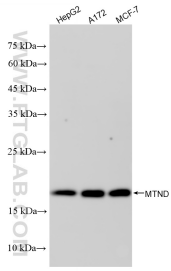
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87964-1-RR (AD1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.