

For Research Use Only

ADI1 Recombinant monoclonal antibody, PBS Only

Catalog Number:87964-1-PBS



Basic Information

Catalog Number: 87964-1-PBS	GenBank Accession Number: NM_018269.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55256	CloneNo.: 260044G10
Source: Rabbit	UNIPROT ID: Q9BV57-1	
Isotype: IgG	Full Name: acireductone dioxygenase 1	
Immunogen Catalog Number: EG5924	Calculated MW: 21 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS only, pH7.3

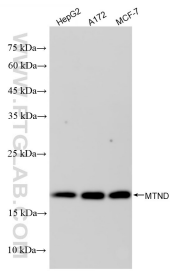
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87964-1-RR (AD11 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87964-1-PBS in a different storage buffer formulation.