

For Research Use Only

ACO2 Recombinant monoclonal antibody, PBS Only

Catalog Number:87630-2-PBS



Basic Information

Catalog Number: 87630-2-PBS	GenBank Accession Number: BC014092	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 50	CloneNo.: 252976A4
Source: Rabbit	UNIPROT ID: Q99798	
Isotype: IgG	Full Name: aconitase 2, mitochondrial	
Immunogen Catalog Number: AG1590	Calculated MW: 85 kDa	
	Observed MW: 85 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

ACO2(aconitate hydratase, mitochondrial) is also named as citrate hydro-lyase and belongs to the aconitase/IPM isomerase family. It plays a key function in cellular energy production, and loss of its activity has a major impact on cellular and organismal survival.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

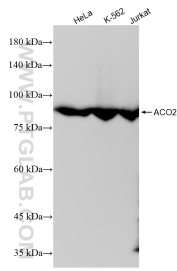
For technical support and original validation data for this product please contact:

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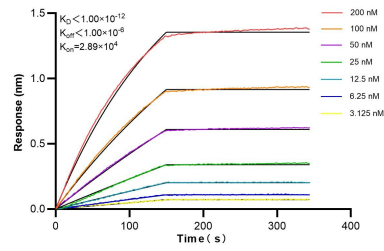
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87630-2-RR (ACO2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87630-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87630-2-RR against Human ACO2 were performed. The affinity constant is below 1 pM.