

For Research Use Only

ACO2 Recombinant monoclonal antibody

Catalog Number:87630-2-RR



Basic Information

Catalog Number:

87630-2-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1590

GenBank Accession Number:

BC014092

GeneID (NCBI):

50

UNIPROT ID:

Q99798

Full Name:

aconitase 2, mitochondrial

Calculated MW:

85 kDa

Observed MW:

85 kDa

Purification Method:

Protein A purification

CloneNo.:

252976A4

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, K-562 cells, Jurkat cells

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 -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:

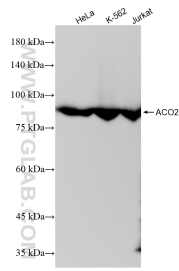
T: 4006900926

E: Proteintech-CN@ptglab.com

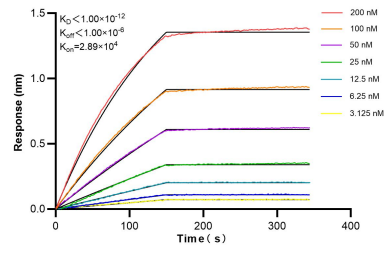
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87630-2-RR (ACO2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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