

Citrate synthetase Rabbit mAb

Catalog No: #59477

Package Size: #59477-1 50ul #59477-2 100ul

Description

Product Name	Citrate synthetase Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Citrate synthetase Antibody detects endogenous levels of total Citrate synthetase
Immunogen Description	A synthesized peptide derived from human Citrate synthetase
Other Names	Citrate synthase; Citrate synthase, mitochondrial; Cs;
Accession No.	Uniprot:O75390
Calculated MW	Predicted band size: 52 kDa
SDS-PAGE MW	Observed band size: 45 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

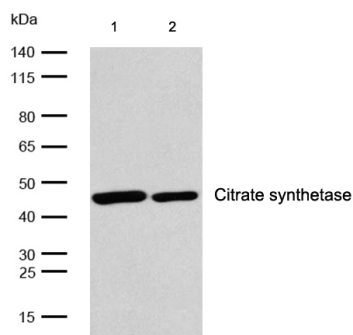
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Citrate synthetase Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : Mouse spleen lysates

Lysates/proteins at 20 µg per lane.

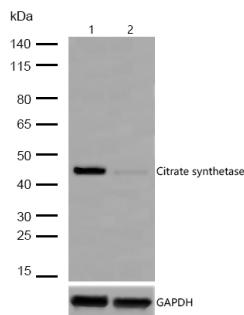
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 52 kDa

Observed band size: 45 kDa

Exposure time: 4 seconds

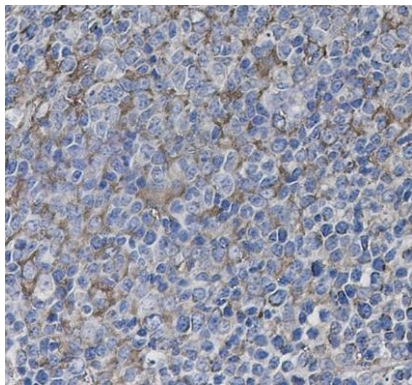


All lanes: Citrate synthetase Rabbit mAb at 1/1k dilution

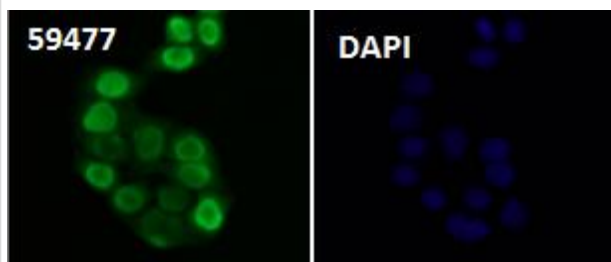
Lane 1 : Wild-type HAP1 cell lysate

Lane 2 : Citrate synthetase Rabbit mAb knockdown HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human tonsil tissue stained for Citrate synthetase using 59477 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Citrate synthetase antibody (59477) ICC/IF staining of Citrate synthetase in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59477 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Carbohydrate metabolism; tricarboxylic acid cycle; isocitrate from oxaloacetate: step 1/2.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.