

## Anti-Citrate synthetase CS Monoclonal Antibody Catalog # ABO14397

### Specification

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#### Anti-Citrate synthetase CS Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	<a href="#">O75390</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

#### Description

Anti-Citrate synthetase Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

#### Anti-Citrate synthetase CS Monoclonal Antibody - Additional Information

Gene ID 1431

#### Other Names

Citrate synthase, mitochondrial, 2.3.3.1, Citrate (Si)-synthase, CS

#### Application Details

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>FC 1:50

#### Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### Immunogen

A synthesized peptide derived from human Citrate synthetase Carbohydrate metabolism; tricarboxylic acid cycle; isocitrate from oxaloacetate: step 1/2.

#### Purification

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

#### Anti-Citrate synthetase CS Monoclonal Antibody - Protein Information

Name CS

#### Function

Key enzyme of the Krebs tricarboxylic acid cycle which catalyzes the synthesis of citrate from

acetyl coenzyme A and oxaloacetate.

#### Cellular Location

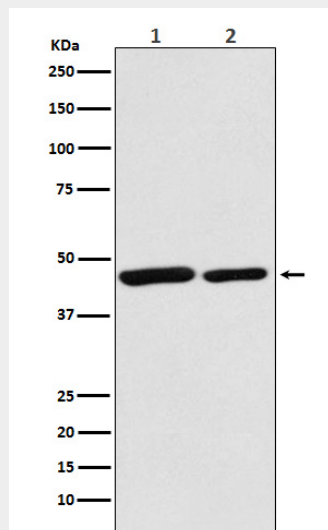
Mitochondrion matrix {ECO:0000250|UniProtKB:P00889}

### Anti-Citrate synthetase CS Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-Citrate synthetase CS Monoclonal Antibody - Images



Western blot analysis of Citrate synthetase expression in (1) HeLa cell lysate; (1) Mouse spleen lysate.