# Citrate synthase, mitochondrial Antibody

Mouse Monoclonal Antibody [Clone CS/4769]

| Catalog No | Format | Size |
|---|---|---|
| 1431-MSM9-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 1431-MSM9-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 1431-MSM9-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

## Product Details

| | |
|---|---|
| **Clone** | CS/4769 |
| **Immunogen** | Recombinant fragment (around aa 38-137) of human CS protein |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG2 / Kappa |
| **Mol. Weight of Antigen** | 51.71kDa |
| **Cellular Localization** | Mitochondrion matrix |
| **Species Reactivity** | Human |

**Optimal dilution for a specific application should be determined.*

## Product Images for Citrate synthase, mitochondrial Antibody

### Specificity & Comments

Key enzyme of the Krebs tricarboxylic acid cycle which catalyzes the synthesis of citrate from acetyl coenzyme A and oxaloacetate.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.