

## Aconitase 2 monoclonal antibody

Catalog: MB67184

Host: Mouse

Reactivity: Human

**BackGround:**

Aconitase 2 (ACO2) catalyzes the conversion of citrate to isocitrate via cis-aconitate in the second step of the tricarboxylic acid (TCA) cycle. ACO2 is also an important regulator of iron homeostasis within cells. In addition, research studies have shown that this enzyme is deficient in the mitochondrial disease Friedreich's Ataxia.

**Product:**

Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**Molecular Weight:**

~ 85kDa

**Swiss-Prot:**

Q99798

**Purification&Purity:**

This antibody is purified through a protein G column.

**Applications:**

WB (1/500 - 1/1000)

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

Recognizes endogenous levels of Aconitase 2 protein.

**DATA:**

Western blot analysis of Aconitase 2 expression in human heart (A) whole cell lysates.

**Note:**

For research use only, not for use in diagnostic procedure.

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