

Anti-COX IV Mouse Mab Antibody(14Y2)

Cat #: D-AKE1060

Size: 50 μ L / 200 μ L

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

Background

Cytochrome c Oxidase or Complex IV (EC 1.9.3.1) is a large transmembrane protein complex found in bacteria and the mitochondrion. It is the last enzyme in the respiratory electron transport chain of mitochondria (or bacteria) located in the mitochondrial (or bacterial) membrane. It receives an electron from each of four cytochrome c molecules, and transfers them to one oxygen molecule, converting molecular oxygen to two molecules of water.

Product Information

Applications: WB, IHC, IF

Suggested starting dilutions are as follows: WB (1:1000-1:3000), IHC (1:50-1:300), IF (1:200).

Isotype: Mouse IgG1

Reactivity: Human, Mouse, Rat

Formulation: Liquid

Concentration: 1 mg/mL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

Storage Buffer: Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

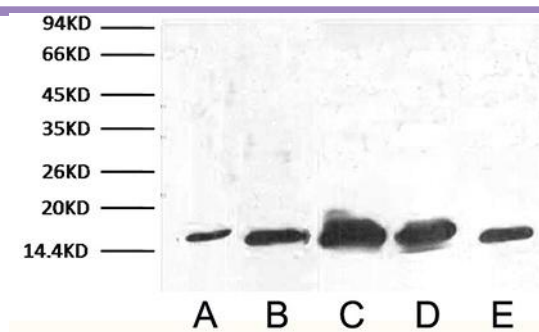


Fig. Western blot analysis (1:2000) of COX IV expression in HepG2(lane A), 293T(lane B), Rat Heart(lane C), Mouse Heart(lane D) and Mouse Muscle tissue Arabidopsis(lane E) with Anti-COX IV Mouse Monoclonal Antibody (14Y2).

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.