

Anti-COX IV Monoclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E021100-01	100 µl
E021100-02	500 µl
E021100-03	50µl

Specificity	Anti- COX IV (human mouse rat)
Source	Mouse Monoclonal
Application	WB
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.:

Other Names: COX 4, Cox4a, COX4B, COXIV, Cytochrome c oxidase subunit 4 isoform 1 mitochondrial, MGC105470, dj857M17.2, Cytochrome c oxidase subunit IV

Specificity and Sensitivity

Antibody can detects endogenous COX IV protein.

Source and Purification

The antiserum was produced against synthesized peptide derived from Internal of human cytochrome c oxidase or Complex IV.

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:1000-1:3000

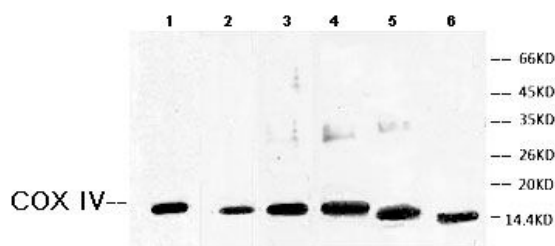
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 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. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of extracts from *HeLa* cells (line 1), HepG2 (line 2), 293T (line 3), Rat Heart (line 4), Mouse Heart (line 5), Mouse Muscle tissue (line 6), using COX IV antibody.