

COX IV Monoclonal Antibody | anti-COX IV antibody

COX IV Mouse Monoclonal Antibody (100A-6C8)

CATALOG # AAA266794	REACTIVITY Human, Rat, Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

COX IV; Monoclonal Antibody; COX IV Mouse Monoclonal Antibody (100A-6C8); anti-COX IV antibody

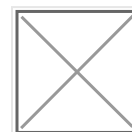
PRODUCT SPECIFICATIONS

Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Clone Number	100A-6C8
Specificity	Antibody can detects endogenous COX IV protein.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for anti-COX IV antibody	WB (Western Blot)
Preparation and Storage	Store at -20 degree C for 1 year

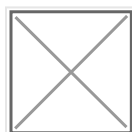
IMAGES


WB (Western Blot)

Western blot analysis of 1) HepG2, 2) 293T, 3) Rat Heart, 4) Mouse Heart, 5) Mouse Muscle tissue with COX IV Mouse mAb (100A-6C8) diluted at 1:3, 000. Western blot analysis of HeLa with COX IV Mouse mAb (100A-6C8) diluted at 1:3, 000.


WB (Western Blot)

Western blot analysis of HeLa with COX IV Mouse mAb (100A-6C8) diluted at 1)1:2, 000, 2)1:5, 000.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-COX IV antibody

The enzyme 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. In the process, it binds four protons from the inner aqueous phase to make water, and in addition translocates four protons across the membrane, helping to establish a transmembrane difference of proton electrochemical potential that the ATP synthase then uses to synthesize ATP.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cox-iv-antibody-clone-100a-6c8-western-blot-elisa/266794>