

Mouse COX4I1 Monoclonal Antibody | anti-COX4I1 antibody

COX4I1 antibody

CATALOG # AAA225023	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, ELISA
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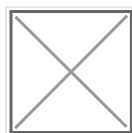
PRODUCT SYNONYMS

COX4I1; Monoclonal Antibody; COX4I1 antibody; Mouse monoclonal COX4I1 antibody; Monoclonal COX4I1 antibody; Anti-COX4I1 antibody; Cytochrome C Oxidase Subunit Iv Isoform 1 antibody; COX4 antibody; COXIV antibody; MGC72016 antibody; COXI1 4; COXI1-4; COXI1 4 antibody; COXI1-4 antibody; anti-COX4I1 antibody

PRODUCT SPECIFICATIONS

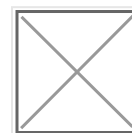
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6B3
Form/Format	Liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	118
Applicable Applications for anti-COX4I1 antibody	WB (Western Blot), IF (Immunofluorescence), ELISA
Immunogen	COX4I1 antibody was raised in Mouse using a purified recombinant fragment of human COX4I1 expressed in E Coli as the immunogen.
Cross-Reactivity	Human, Monkey, Rat, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



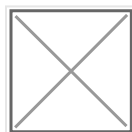
IF (Immunofluorescence)

Immunofluorescence analysis of PANC-1 cells using COX4I1 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Western Blot showing COX4I1 antibody used against HEK293 (1), A549 (2) and PC12 (3) cell lysate.



FCM/FACS (Flow Cytometry)

FC analysis of K562 cells using COX4I1 antibody (blue) and negative control (red).

ADDITIONAL INFORMATION

Related Product Information for anti-COX4I1 antibody	Cytochrome c oxidase (COX) functions as the terminal oxidase of the respiratory chain that uses cytochrome c as an electron donor to drive a proton gradient across the inner mitochondrial membrane. The mammalian COX apoenzyme is a heteromer consisting of three mitochondrial encoded catalytic subunits and several nuclear gene encoded structural subunits. COX contains two iron-coordination sites and two copper-coordination sites.
Product Categories/Family for anti-COX4I1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	974005323
NCBI GeneID	1327
NCBI Accession #	NP_001305731.1
NCBI GenBank Nucleotide #	NM_001318802.1
UniProt Accession #	P13073; Q6P666; B2R4J2; D3DUM7
Molecular Weight	19,577 Da
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 1, mitochondrial isoform 5
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 4I1
NCBI Official Symbol	COX4I1
NCBI Official Synonym Symbols	COX4; COXIV; COX4-1; COXIV-1; COX IV-1
NCBI Protein Information	cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Gene Name	COX4I1
UniProt Synonym Gene Names	COX4; COX IV-1

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/cox4i1-antibody-clone-6b3-western-blot-immunofluorescence-elisa/225023>