

Mouse COX IV Monoclonal Antibody | anti-COX4I1 antibody

COX IV Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290440	Mouse	Human, Mouse, Goat	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunocytochemistry, Western Blot

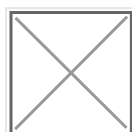
PRODUCT SYNONYMS

COX IV; Monoclonal Antibody; COX IV Antibody; Purified Mouse Monoclonal Antibody (Mab); AL024441; COX 4; COX IV 1; COX IV-1; Cox4; COX41_HUMAN; Cox4a; COX4B; COX4I1; COX4I2; COX4L2; COXIV; Cytochrome c oxidase polypeptide IV; Cytochrome c oxidase subunit 4 isoform 1 mitochondrial; Cytochrome c oxidase subunit 4 isoform 1; mitochondrial; Cytochrome C Oxidase subunit IV; Cytochrome c oxidase subunit IV isoform 1; Cytochrome c oxidase subunit IV isoform 2 (lung); Cytochrome c oxydase subunit; dJ857M17.2; MGC105470; MGC72016.; anti-COX4I1 antibody

PRODUCT SPECIFICATIONS

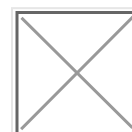
Host	Mouse
Reactivity	Human, Mouse, Goat
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal antibody in buffer containing 0.1M Tris-Glycine(pH 7.4,150 mM NaCl)with 0.2% sodium azide,0.1mg/mlBSA and 50% glycerol.
Sequence Length	169
Applicable Applications for anti-COX4I1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



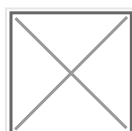
FCM/FACS (Flow Cytometry)

Flow Cytometry analysis of K562 cells stained with COX4 (red, 1/100 dilution), followed by FITC-conjugated goat anti-mouse IgG. Blue line histogram represents the isotype control, normal mouse IgG.



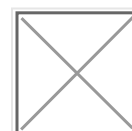
IP (Immunoprecipitation)

Immunoprecipitation analysis of Hela cell lysates using COX IV mouse mAb.



ICC (Immunocytochemistry)

Immunocytochemistry of HeLa cells using anti-COX IV mouse mAb diluted 1:150.



WB (Western Blot)

Western blot detection of COX IV in Mouse skeletal muscle and Jurkat lysates using COX IV mouse mAb (1:1000 diluted). Predicted band size: 17KDa.Observed band size: 17KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-COX4I1 antibody	This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.
Product Categories/Family for anti-COX4I1 antibody	Cancer; Metabolism; Signal Transduction
References	Zeviani M.,et al.Gene 55:205-217(1987). Lomax M.I.,et al.Gene 86:209-216(1990). Park S.J.,et al.Submitted (OCT-1990) to the EMBL/GenBank/DDBJ databases. Yu W.,et al.Submitted (MAR-1997) to the EMBL/GenBank/DDBJ databases. Bachman N.J.,et al.Submitted (MAY-1997) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502981
NCBI GeneID	1327
NCBI Accession #	NP_001852.1
NCBI GenBank Nucleotide #	NM_001861.3
UniProt Accession #	P13073; Q6P666; B2R4J2; D3DUM7
Molecular Weight	19577
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 1, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit IV isoform 1
NCBI Official Symbol	COX4I1
NCBI Official Synonym Symbols	COX4; COXIV; COX4-1
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
UniProt Entry Name	COX41_HUMAN

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-flow-cytometry-immunoprecipitation-immunocytochemistry-western-blot-elisa/290440>