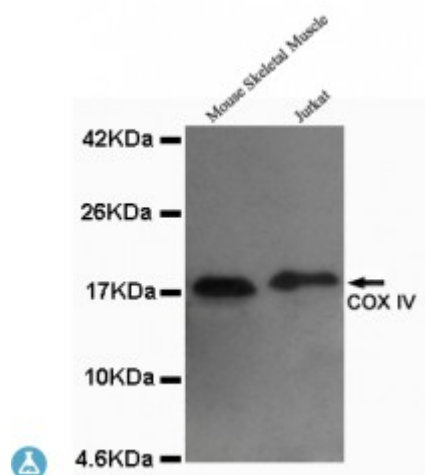


Anti-COX IV antibody



Description	Mouse monoclonal to COX IV.
Model	STJ99044
Host	Mouse
Reactivity	Goat, Hamster, Human, Mouse, Rat, Simian
Applications	ELISA, WB
Immunogen	A synthetic peptide corresponding to carboxyl terminal residues of human COX IV
Gene ID	1327
Gene Symbol	COX4I1
Dilution range	WB 1:500-2000ELISA 1:10000-20000
Specificity	This antibody detects endogenous levels of COX IV and does not cross-react with related proteins.
Tissue Specificity	Ubiquitous.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clone ID	4D11-B3-E8
Note	For Research Use Only (RUO).
Protein Name	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial Cytochrome c oxidase polypeptide IV Cytochrome c oxidase subunit IV isoform 1 COX IV-1

Molecular Weight	17kDa
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2265OMIM:123864
Alternative Names	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial Cytochrome c oxidase polypeptide IV Cytochrome c oxidase subunit IV isoform 1 COX IV-1
Function	This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.
Cellular Localization	Mitochondrion inner membrane.

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