

MN00147
COX IV mAb

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☐ 50ul;100ul;

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Background:

This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

Gene Name : COX4I1

Alternative Names:

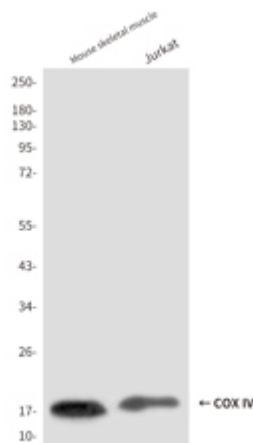
COX 4; Cox4a; COX4B; COXIV; Cytochrome c oxidase subunit 4 isoform 1 mitochondrial; MGC105470; dj857M17.2; Cytochrome

Uniprot : P13073

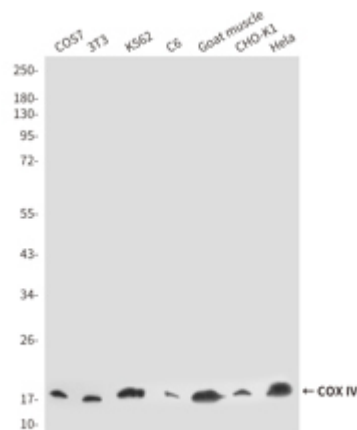
Source : Mouse

Application

WB

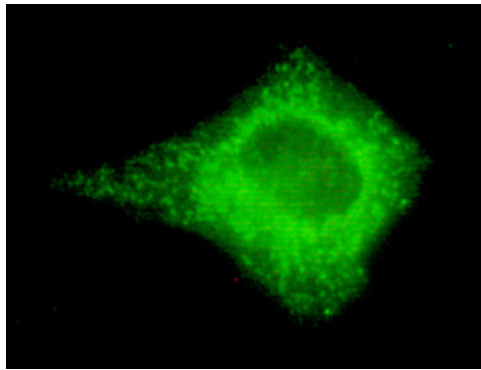


Western blot analysis of COX IV in Mouse skeletal muscle and Jurkat lysates using COX IV antibody.



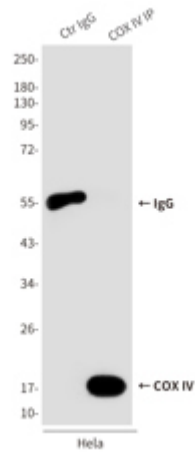
Western blot analysis of COX IV in Goat muscle, CHO-K1, COS7, 3T3, HeLa, C6 and K562 lysates using COX IV antibody.

IF



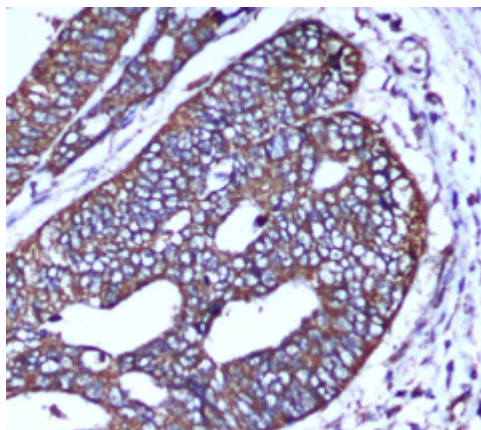
Immunocytochemistry analysis of COX IV in HeLa cells using COX IV antibody.

IP



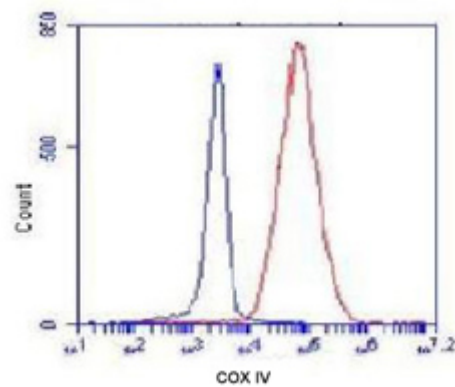
Immunoprecipitation analysis of COX IV in HeLa lysates using COX IV antibody.

IHC



Immunohistochemistry analysis of paraffin-embedded human colorectal carcinoma with COX IV antibody (4D11B3E8).

FC



Flow Cytometry analysis of K562 stained with COX4 (red). Blue line histogram represents the isotype control, normal mouse IgG.

Clonality : Monoclonal Antibody

Isotype : IgG1

Immunogen:

A synthetic peptide corresponding to carboxyl terminal residues of human COX IV

Reactivity : Human,Mouse,Rat,Hamster,Goat,Monkey

Dilution:

WB: 1/1000 IHC: 1/50-1/200 IF: 1/100-1/200 IP: 1/20 FC: 1/100

Molecular Weight:

Calculated MW: 20 kDa; Observed MW: 17 kDa

Purification : Affinity Purified

Form : Liquid

Concentration : 2 mg/ml

Buffer:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Storage:

Store at 4°C short term. Store at -20°C long term. Avoid freeze/thaw cycles.