

# Anti COX IV antibody

Catalog No: tcsa9029



## Available Sizes

**Size:** 100μl

**Size:** 200μl



## Specifications

**Application:**

WB, ELISA, IP, ICC, IHC, Flow Cytometry

**Species Reactivity:**

Human, Mouse, Rat, Hamster, Goat, Monkey

**Host Species:**

Mouse

**Immunogen / Amino acids:**

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

**Conjugation:**

Unconjugated

**Clonality:**

Monoclonal

**Clones:**

4D11-B3-E8

**Isotype:**

IgG1

**Form:**

Liquid

**Storage Buffer:**

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

**Concentration:**

1 mg/ml

**Recommended Dilution:**

WB 1:500-2000

ELISA 1:10000-20000

**Storage Instruction:**

Store at -20°C, and avoid repeat freeze-thaw cycles.

**Alternative Names:**

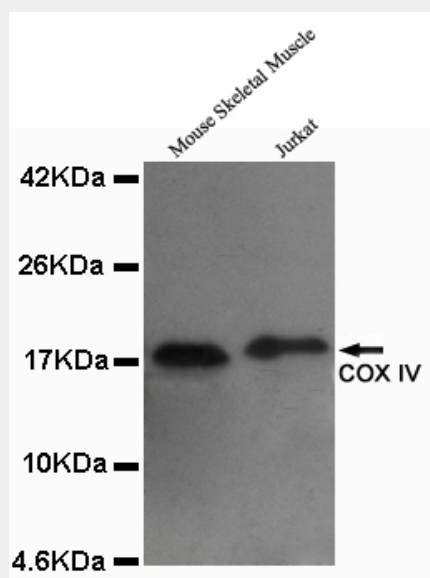
COX4I1 antibody; COX4 antibody; Cytochrome c oxidase subunit 4 isoform 1, mitochondrial antibody; Cytochrome c oxidase polypeptide IV antibody; Cytochrome c oxidase subunit IV isoform 1 antibody; COX IV-1 antibody

**SwissProt:**

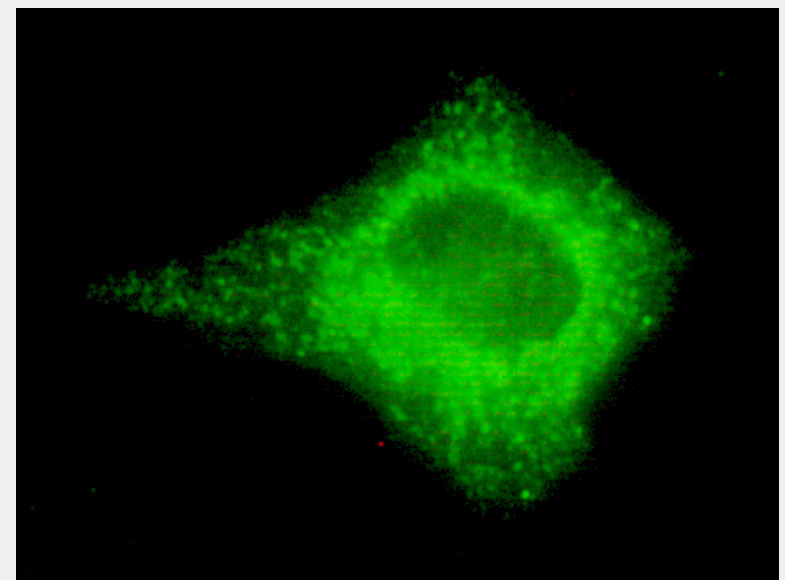
P13073\_HUMAN

**Product Description**

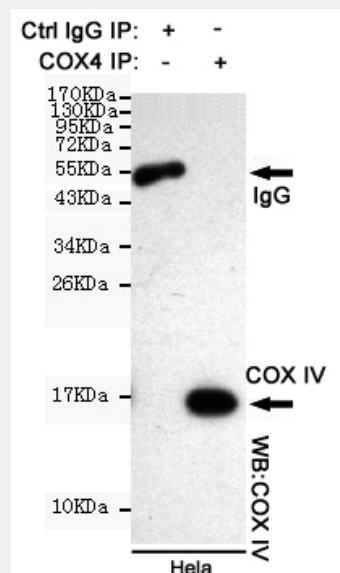
Mouse monoclonal to COX IV.



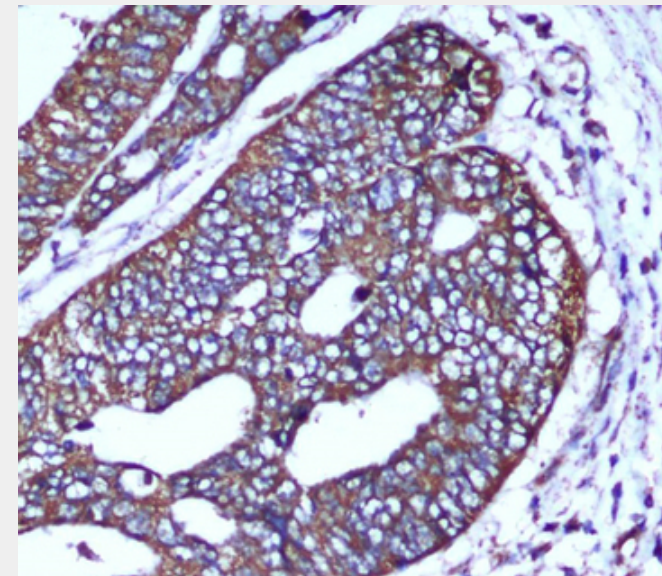
Western blot detection of COX IV in Mouse skeletal muscle and Jurkat lysates using COX IV mouse mAb (1:1000 diluted). Predicted band size: 17KDa. Observed band size: 17KDa.



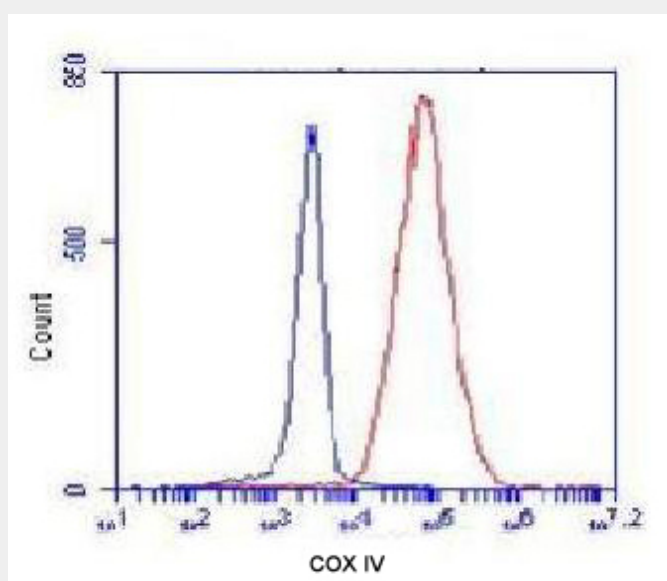
Immunocytochemistry of HeLa cells using anti-COX IV mouse mAb diluted 1:150.



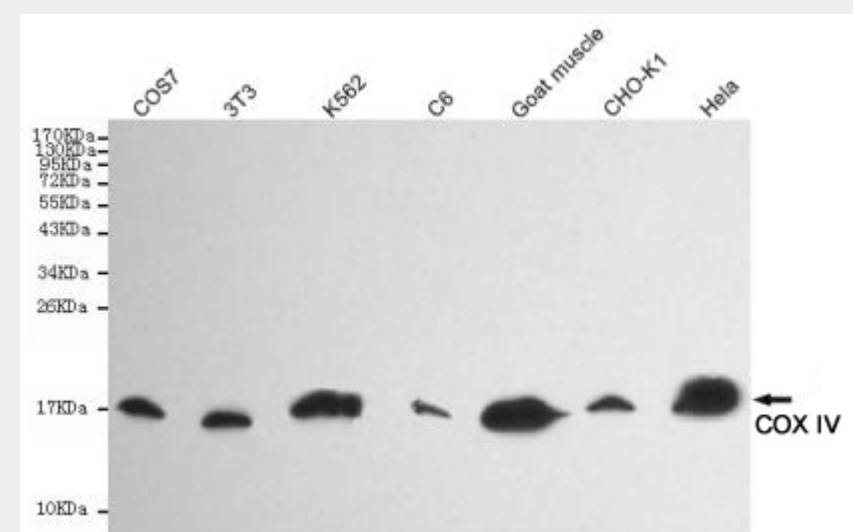
Immunoprecipitation analysis of HeLa cell lysates using COX IV mouse mAb.



Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma with COX IV Mouse mAb (4D11-B3-E8, 1:50 diluted), showing cytoplasm localization. A high pressure mediated antigen retrieval step was performed in citrate buffer (pH6.0).



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.



Western blot detection of COX IV in Goat muscle, CHO-k1, COS7, 3T3, HeLa, C6 and K562 cell lysates using COX IV mouse mAb (1:5000 diluted). Predicted band size: 17kDa. Observed band size: 17kDa.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!