

# Anti-COX IV (4D11) Mouse antibody



Catalog Number: 169079

## Product name

Anti-COX IV (4D11) Mouse antibody

## Specificity

Human, Mouse, Rat, Hamster, Goat, Monkey

## Antibody description

COX IV (4D11) Mouse monoclonal antibody

## Preparation

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

## Formulation

Purified mouse monoclonal antibody in buffer containing 0.1M Tris-Glycine(pH 7.4 150 mM NaCl)with 0.02% sodium azide 0.1mg/mlBSA and 50% glycerol.

## Storage

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

## Clonality

Monoclonal

## Ig Type

Mouse IgG1

## Applications

WB, FC, ICC/IF, IP, IHC-P

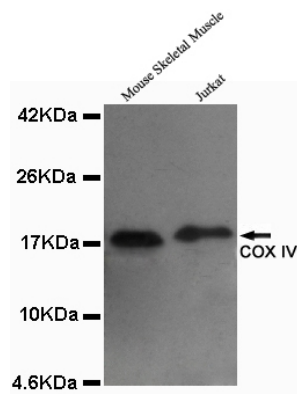
## Dilutions

WB: 1/1000

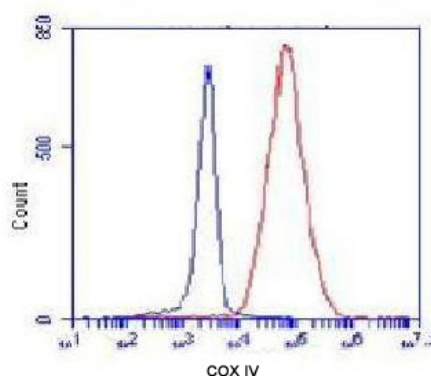
;ICC: 1/150

;FC: 1/100

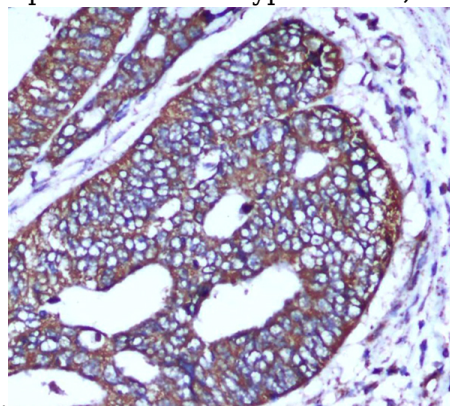
## Validations



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.



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



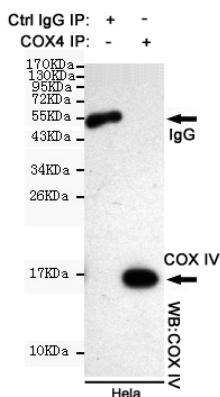
mouse IgG.

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

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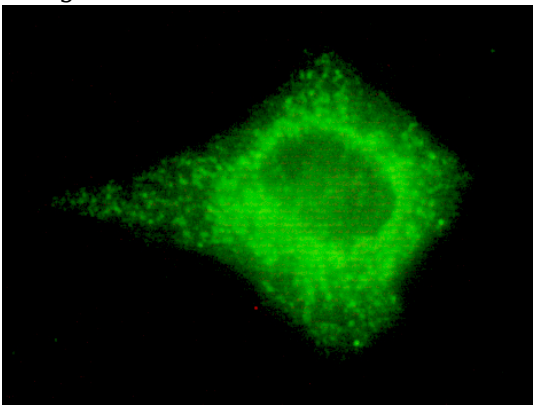


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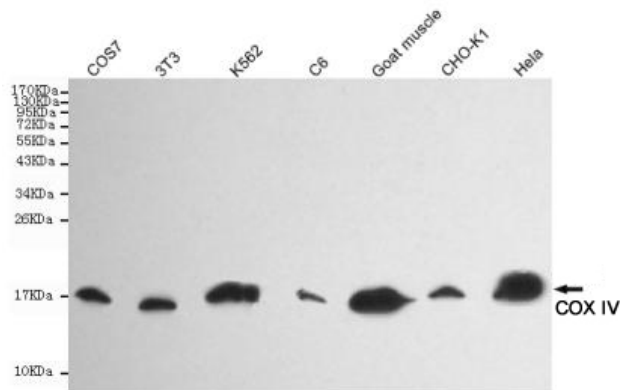


buffer(pH6.0).

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



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



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.