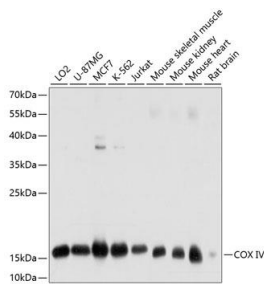
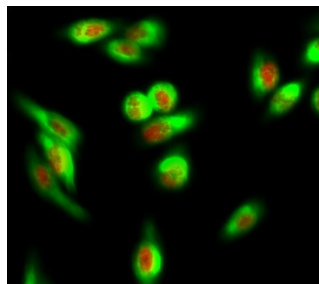


<b>Cat. No:</b>	MAB- 94626
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	6C8
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Ms
<b>Isotype:</b>	IgG1
<b>Immunogen:</b>	A synthetic peptide of human COX IV
<b>Reactivity:</b>	Hu, Ms, Rt, Hm, Mk, Gt
<b>Applications:</b>	Western Blot: 1:1000 - 1:4000 Immunohistochemistry: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200 Immunoprecipitation: 1:20 - 1:50 Flow cytometry: 1:20 - 1:50
<b>Molecular Weight:</b>	17kDa
<b>Purification:</b>	Aff. Pur
<b>Synonyms:</b>	COX4I1;COX IV-1;COX4;COX4-1;COXIV;COXIV-1;COX IV
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using COX IV antibody at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL West Pico Plus. Exposure time: 30s.



Immunofluorescence analysis of HeLa Cell.1, AF-10 Polyclonal Antibody (red) was diluted at 1:200 (4°C overnight). COX IV monoclonal antibody (6C8) (green) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 594 (was diluted at 1:1000 (room temperature, 50 min.)). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50 min.).

## References

References for COX IV Mouse mAb

Product:COX IV Mouse mAb

Journal:Plos One

Application:WB

IF:2.804

Species:Homo sapiens

PMID:25933104

Title:Mechanism of Arctigenin-Induced Specific Cytotoxicity against Human Hepatocellular Carcinoma Cell Lines: Hep G2 and SMMC7721

References for COX IV Mouse mAb

Product:COX IV Mouse mAb

Journal:Nature Communications

Application:WB

IF:11.87

Species:Danio rerio

PMID:32161263

Title:Mitochondrial peptide BRAWNIN is essential for vertebrate respiratory complex III assembly

References for COX IV Mouse mAb

Product:COX IV Mouse mAb

Journal:Scientific Reports

Application:WB

IF: 4.01

Species:Danio rerio

PMID:31827208

Title:Fundc1 is necessary for proper body axis formation during embryogenesis in zebrafish

References for COX IV Mouse mAb

Product:COX IV Mouse mAb

Journal:Redox Biol

Application:WB

IF:9.98

Species:Homo sapiens

PMID:32829253

Title:HIF-1 $\alpha$ -BNIP3-mediated mitophagy in tubular cells protects against renal ischemia/reperfusion injury

References for COX IV Mouse mAb

Product:COX IV Mouse mAb

Journal:Acta Pharmacol Sin

Application:WB

IF:5.06

Species:Homo sapiens

PMID:32747719

Title:LW-213 induces cell apoptosis in human cutaneous T-cell lymphomas by activating PERK-eIF2 $\alpha$ -ATF4-CHOP axis

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