

## Anti-COX IV (4D2) Mouse Monoclonal Antibody

### Introduction

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

### Product parameters

Alternative Names	COX 4; Cox4a; COX4B; COXIV; Cytochrome c oxidase subunit 4 isoform 1 mitochondrial; MGC105470; dj857M17.2; Cytochrome
Gene ID	1327
Gene Name	COX4I1
SwissProt ID	P13073
Host	Mouse
Reactivity	Human,Rat,Mouse
Molecular Weight	Calculated MW: 20 kDa; Observed MW: 17 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG1
Isotype	Monoclonal Antibody
Clonality No.	AP-4D6C12
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Recombinant Protein of Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB, IHC-F, IHC-P, ICC/IF
Dilution Ratio	WB: 1/1000 IHC: 1/50-1/200 IF: 1/100-1/200
Research Field	Cell Biology
Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C

Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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