

## 小鼠抗 COX4I1 单克隆抗体

- 中文名称: 小鼠抗 COX4I1 单克隆抗体
- 英文名称: Anti-COX4I1 mouse monoclonal antibody
- 别 名: cytochrome c oxidase subunit 4I1; COX4; COXIV; COX4-1; COXIV-1; COX IV-1
- 相关类别: 一抗
- 储 存: 冷冻(-20℃)
- 宿 主: Mouse
- 抗 原: COX4I1
- 反应种属: Human, Mouse, Rat, Hamster, Goat, Monkey
- 标记物: Unconjugate
- 克隆类型: Mouse Monoclonal

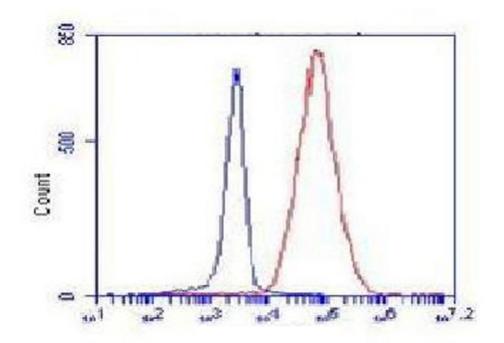
## 技术规格

Background:	Cytochrome c oxidase (COX) is the terminal enzyme of th e mitochondrial respiratory chain. It is a multi-subunit enz yme complex that couples the transfer of electrons from c ytochrome c to molecular oxygen and contributes to a pr oton electrochemical gradient across the inner mitochondri al membrane. The complex consists of 13 mitochondrial- a nd nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumpin g activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation a nd assembly of the complex. This gene encodes the nucle ar-encoded subunit IV isoform 1 of the human mitochond rial respiratory chain enzyme. It is located at the 3' of the NOC4 (neighbor of COX4) gene in a head-to-head orienta
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	tion, and shares a promoter with it. Pseudogenes related t o this gene are located on chromosomes 13 and 14. Alter native splicing results in multiple transcript variants encodi ng different isoforms.
Applications:	WB, FC, IF, IP, IHC
Name of antibody:	COX4I1
Immunogen:	Fusion protein of human COX4I1
Full name:	cytochrome c oxidase subunit 4I1
Synonyms:	COX4; COXIV; COX4-1; COXIV-1; COX IV-1
SwissProt:	P13073
IHC positive control:	Human colorectal carcinoma
IHC Recommend dilution:	25-50
WB Predicted band size:	20 kDa
WB Positive control:	Mouse skeletal muscel tissue and Jurkat cell lysates
WB Recommended dilution:	1000-5000
IF positive control:	Hela cells
IF Recommend dilution:	50-150
FC Recommend dilution:	50-100



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