

## Anti-COX4I1 antibody [6B3] (STJ97964)

STJ97964

### GENERAL INFORMATION

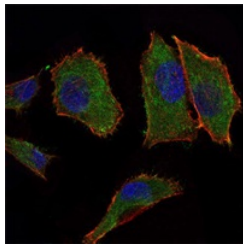
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Cytochrome c oxidase subunit 4 isoform 1, mitochondrial is suitable for use in Western Blot, Immunofluorescence, Flow Cytometry and ELISA research applications.
<b>Applications</b>	WB/IF/FC/ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Mouse/Rat/Monkey

### PRODUCT PROPERTIES

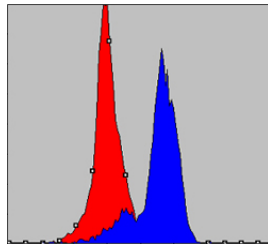
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	6B3
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:500-1:2000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
<b>Formulation</b>	Liquid in PBS containing 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

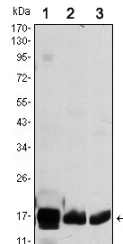
<b>Gene ID</b>	1327
<b>Gene Symbol</b>	COX4I1
<b>Uniprot ID</b>	COX4I_HUMAN
<b>Immunogen</b>	Purified recombinant fragment of human COX4 expressed in E. Coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	COX4 Monoclonal Antibody detects endogenous levels of COX4 protein.
<b>Immunogen Sequence</b>	



Immunofluorescence analysis of PANC-1 cells using COX4 monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of K562 cells using COX4 monoclonal antibody (blue) and negative control (red).



Western blot analysis using COX4 monoclonal antibody against HEK293 (1), A549 (2) and PC12 (3) cell lysate

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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