

Anti-COX4I1 antibody [6B3] (STJ97964)

STJ97964

GENERAL INFORMATION

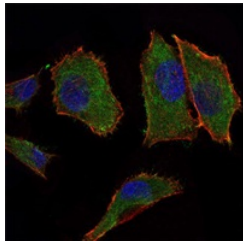
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Cytochrome C Oxidase Subunit 4 Isoform 1-Mitochondrial is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human, Mouse, Rat, Monkey

PRODUCT PROPERTIES

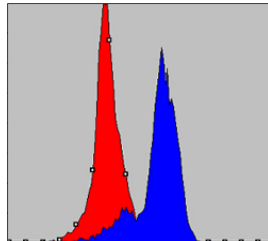
Clonality	Monoclonal
Clone ID	6B3
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

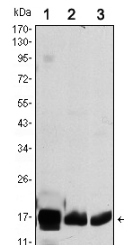
Gene ID	1327
Gene Symbol	COX4I1
Uniprot ID	COX4I1_HUMAN
Immunogen	Purified recombinant fragment of human COX4 expressed in E.coli.
Immunogen Region	
Specificity	COX4I1 monoclonal antibody (Cytochrome C Oxidase Subunit 4 Isoform 1-Mitochondrial) binds to endogenous Cytochrome C Oxidase Subunit 4 Isoform 1-Mitochondrial.
Immunogen Sequence	



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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