

Anti-COX4I1 antibody [6C8] (STJ96935)

STJ96935

GENERAL INFORMATION

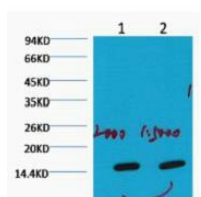
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Cytochrome c oxidase subunit 4 isoform 1, mitochondrial is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
Applications	WB/IHC/IF
Host/Source	Mouse
Reactivity	Human/Rat/Mouse

PRODUCT PROPERTIES

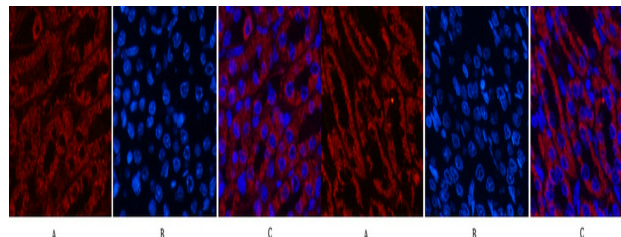
Clonality	Monoclonal
Clone ID	6C8
Concentration	
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	WB 1:1000-3000 IF 1:200 IHC 1:50-300
Formulation	Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium Azide and 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

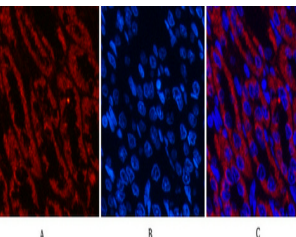
Gene ID	1327
Gene Symbol	COX4I1
Uniprot ID	COX4I_HUMAN
Immunogen	Recombinant Protein of Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
Immunogen Region	
Specificity	The antibody detects endogenous COX IV protein.
Immunogen Sequence	



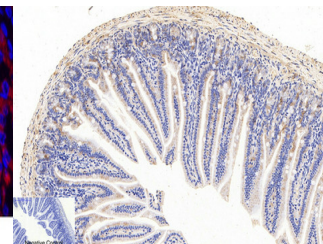
1:2000 1:5000
Western blot analysis of Hela, diluted at 1) 1:2000 2) 1:5000



Immunofluorescence analysis of Mouse-kidney tissue. 1, COX IV monoclonal antibody (6C8) (red) was diluted at 1:200 (4A°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of Rat-kidney tissue. 1, COX IV monoclonal antibody (6C8) (red) was diluted at 1:200 (4A°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Mouse-colon tissue. 1, COX IV monoclonal antibody (6C8) was diluted at 1:200 (4A°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98A°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081