Anti-COX4I1 antibody [6C8] (STJ96935)

STJ96935

GENERAL INFORMATION

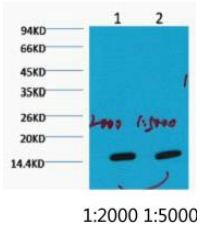
Product Type Primary antibodies
Short Description Mouse monoclonal antibody anti-Cytochrome C Oxidase Subunit 4 Isoform 1-Mitochondrial is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunocytochemistry research applications.
Applications WB, IHC-P, IF, ICC
Host/Source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

PRODUCT PROPERTIES

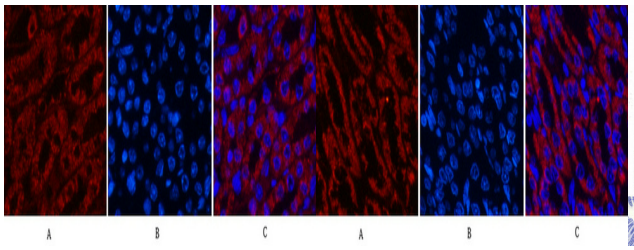
Clonality Monoclonal
Clone ID 6C8
Concentration
Conjugation Unconjugated
Purification The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range WB 1:1000-3000
IF 1:200
IHC 1:50-300
Formulation PBS, pH 7.4, 0.5% BSA, 0.02% Sodium 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 COX41_HUMAN
Immunogen Recombinant Protein of Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
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

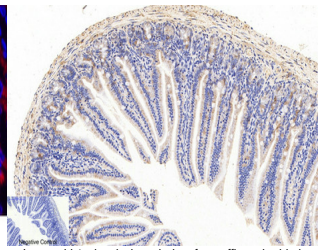


Western blot analysis of Hela, diluted at 1) 1:2000 2) 1:5000



Immunofluorescence analysis of Mouse-kidney tissue. 1, COX IV monoclonal antibody (6C8) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labled 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 (4°C, overnight). 2, Cy3 labled 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 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.

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