10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CYCS Monoclonal Antibody(4B10)

Catalog # AP63544

Specification

CYCS Monoclonal Antibody(4B10) - Product Information

Application	**WB, IHC-P, IF**
Primary Accession	P99999
Reactivity	**Human, Mouse, Rat, Chicken**
Host	**Mouse**
Clonality	**Monoclonal**

CYCS Monoclonal Antibody(4B10) - Additional Information

Gene ID 54205

Other Names
CYCS; CYC; Cytochrome c

Dilution
WB~~WB: 1:1000-5000 IHC: 1:500-1000 IF 1:200
IHC-P~~N/A
IF~~WB: 1:1000-5000 IHC: 1:500-1000 IF 1:200

Format
PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions
-20℃

CYCS Monoclonal Antibody(4B10) - Protein Information

Name CYCS

Synonyms CYC

Function
Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain.

Cellular Location
Mitochondrion intermembrane space. Note=Loosely associated with the inner membrane

CYCS Monoclonal Antibody(4B10) - Protocols

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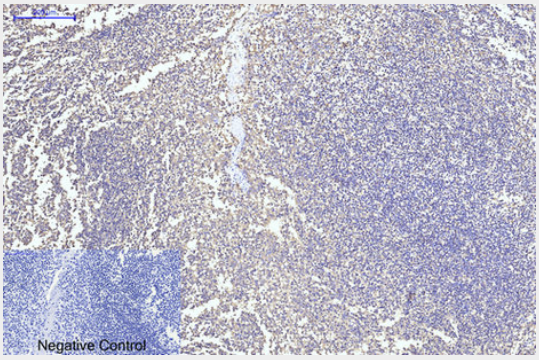
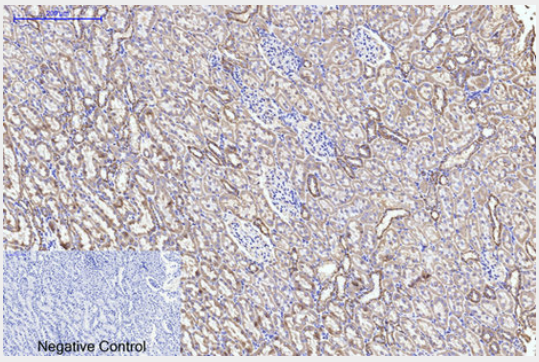
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CYCS Monoclonal Antibody(4B10) - Images



Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1,CYCS Monoclonal Antibody(4B10) 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.



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,CYCS Monoclonal Antibody(4B10) 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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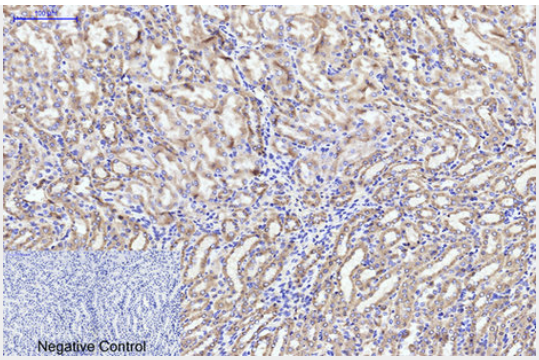
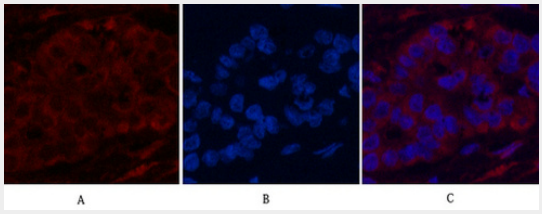
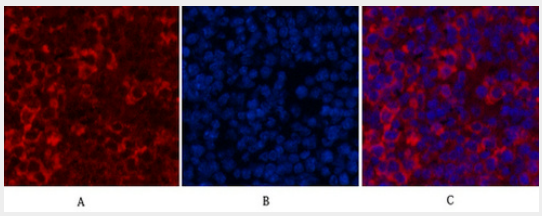


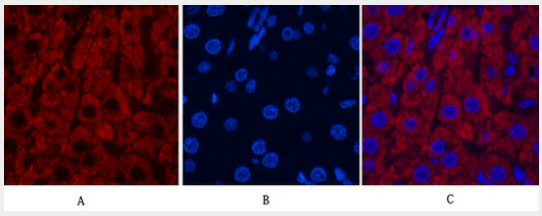
Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,CYCS Monoclonal Antibody(4B10) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Human-liver-cancer tissue. 1,CYCS Monoclonal Antibody(4B10)(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 Mouse-spleen tissue. 1,CYCS Monoclonal Antibody(4B10)(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-liver tissue. 1,CYCS Monoclonal Antibody(4B10)(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

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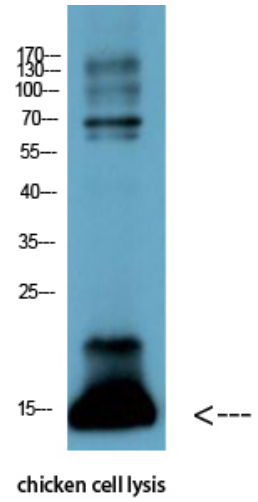

Western Blot analysis of chicken cell lysis using Antibody diluted at 1:1000

CYCS Monoclonal Antibody(4B10) - Background

Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain.