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

# CYCS Monoclonal Antibody(4B10)

Catalog # AP63544

## Product Information

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|---|---|
| **Application** | WB, IHC-P, IF |
| **Primary Accession** | P99999 |
| **Reactivity** | Human, Mouse, Rat, Chicken |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Calculated MW** | 11749 |

## Additional Information

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|---|---|
| **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~~1:50~200 |
| **Format** | PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol. |
| **Storage Conditions** | -20℃ |

## Protein Information

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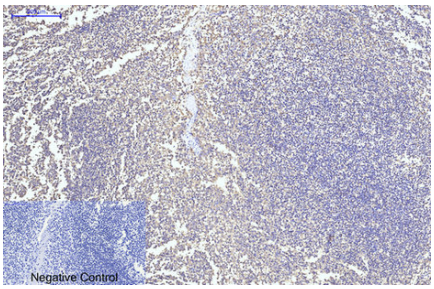
|---|---|
| **Name** | CYCS |
| **Synonyms** | CYC |
| **Function** | Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain. |
| **Cellular Location** | Mitochondrion intermembrane space. Note=Loosely associated with the inner membrane |

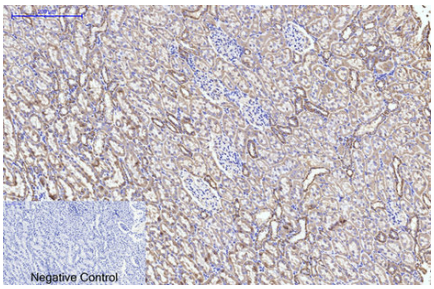
## Background

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.

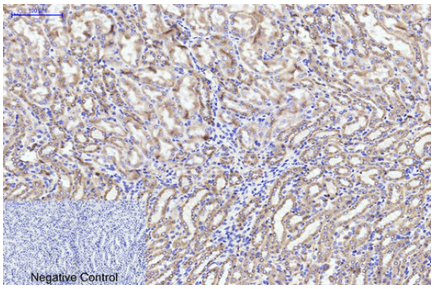
## Images



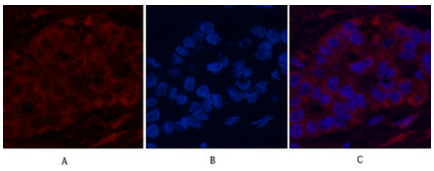

Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1,CYCS Monoclonal Antibody(4B10) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was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



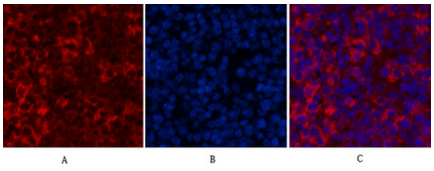

Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,CYCS Monoclonal Antibody(4B10) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used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



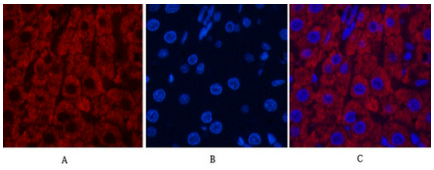

Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,CYCS Monoclonal Antibody(4B10) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was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

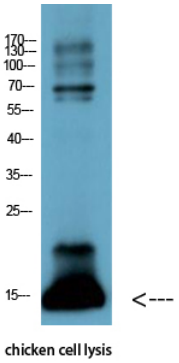



Immunofluorescence analysis of Mouse-spleen tissue. 1,CYCS Monoclonal Antibody(4B10)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B




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

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

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