# Cytochrome C Rabbit mAb

Catalog No.: A4912 Recombinant 28 Publications



#### **Basic Information**

**Observed MW** 14kDa

**Calculated MW** 12kDa

Category Primary antibody

Applications WB,IHC-P,ELISA

**Cross-Reactivity** Human, Mouse, Rat

**CloneNo number** ARC1153

# Background

This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.

#### **Recommended Dilutions**

WB	1:5000 - 1:10000
IHC-P	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

Gene ID 54205

Swiss Prot P99999

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms** CYC; HCS; THC4; C

#### Contact

6	400-999-6126
$\times$	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

# **Product Information**

Source Rabbit

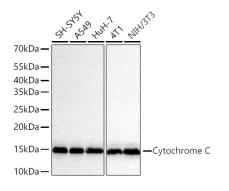
Isotype lgG

Purification Affinity purification

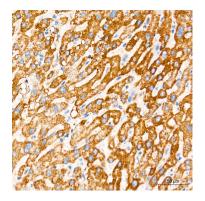
#### Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

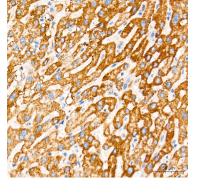
### Validation Data



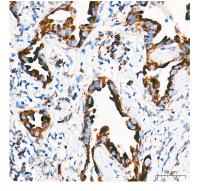
Western blot analysis of various lysates using Cytochrome C Rabbit mAb (A4912) at 1:5000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.



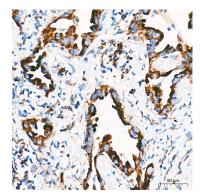
Immunohistochemistry analysis of paraffinembedded Human liver tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



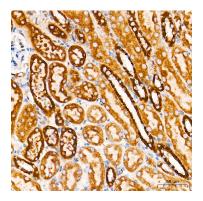
Immunohistochemistry analysis of paraffinembedded Human liver tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



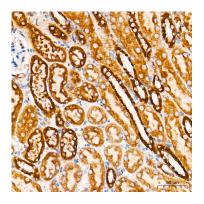
Immunohistochemistry analysis of paraffinembedded Human lung cancer tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human lung cancer tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

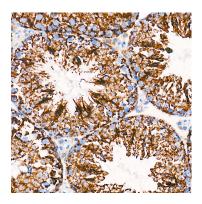


Immunohistochemistry analysis of paraffinembedded Mouse kidney tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

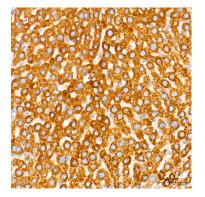


Immunohistochemistry analysis of paraffinembedded Mouse kidney tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

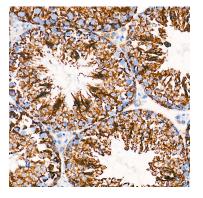
## Validation Data



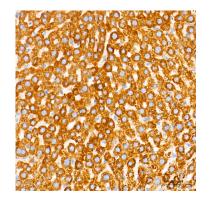
Immunohistochemistry analysis of paraffinembedded Mouse testis tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat liver tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse testis tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat liver tissue using Cytochrome C Rabbit mAb (A4912) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.