
Product Name: Cytochrome C Mouse Monoclonal Antibody**Catalog #: AMM85083**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Human,Mouse,Rat,Other
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight	Calculated MW: 12 kDa; Observed MW: 12 kDa

Antigen Information

Gene Name	Cytochrome C
Alternative Names	CYCS; CYC; Cytochrome c
Gene ID	54205.0
SwissProt ID	P99999
Immunogen	Recombinant Protein of CYCS

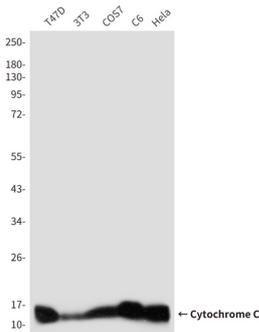
Background

CYCS 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.

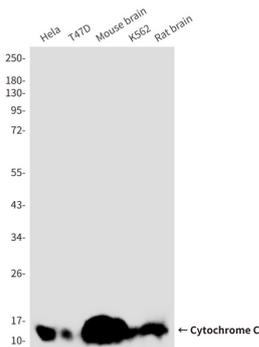
Research Area

Apoptosis, mTOR signaling pathway

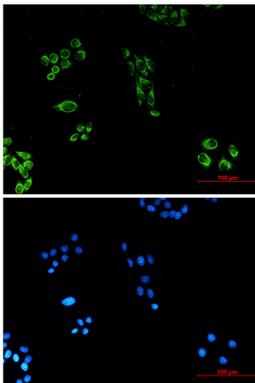
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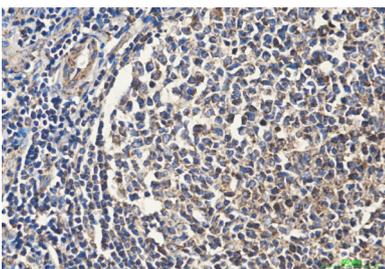
Western blot analysis of Cytochrome c in T47D, 3T3, COS7, C6 and HeLa lysates using Cytochrome c antibody.



Western blot analysis of Cytochrome C in HeLa, T47D, mouse brain, K562, rat brain lysates using Cytochrome C antibody.



Immunocytochemistry analysis of Cytochrome C (7C1) (green) in HeLa using Cytochrome C (7C1) antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded human tonsil tissue using Cytochrome C antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

