

Product Datasheet

Cytochrome C (7C10) Mouse mAb

Catalog No: AB3542

Reactivity: Human, Mouse, Rat, Chicken

Isotype: Mouse IgG1

Applications: WB IHC ICC/IF



www.abways.com

Information

UniProt ID: P99999

All Names: CYCS; CYC; Cytochrome c

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Recombinant Protein of CYCS

Molecular Wt.: 14 kDa

Application

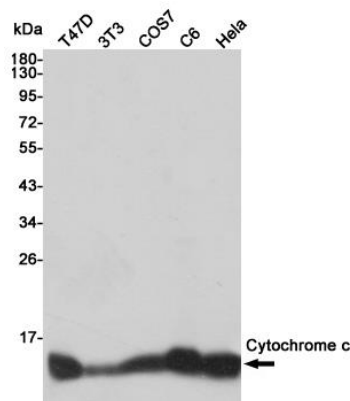
WB: 1/500-1/1000

IHC: 1/50-1/100

ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.P99999. 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. Plays a role in apoptosis. Suppression of the anti-apoptotic members or activation of the pro-apoptotic members of the Bcl-2 family leads to altered mitochondrial membrane permeability resulting in release of cytochrome c into the cytosol. Binding of cytochrome c to Apaf-1 triggers the activation of caspase-9, which then accelerates apoptosis by activating other caspases.



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

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com