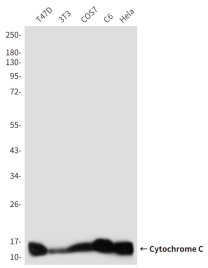
Cytochrome C (7C10) Mouse mAb

db6489 **Package：50μL 100μL**

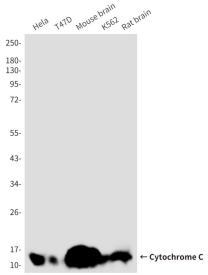
Product Name : Cytochrome C (7C10) Mouse mAb
Cat.No.: db6489
Synonyms : CYCS; CYC; Cytochrome c
Application : WB, ICC/IF, IHC-P
Reactivity : Human, Mouse, Rat, Chicken
Host species : Mouse

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.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.SitesFeature keyPosition(s)Description
Immunogen	Recombinant Protein of CYCS
Gene ID	54205
Swiss Prot	P99999
Synonyms	CYCS; CYC; Cytochrome c
Reactivity	Human, Mouse, Rat, Chicken
Application	WB, ICC/IF, IHC-P
Recommended dilution	WB: 1:500-1000 IHC: 1:50-100 ICC/IF: 1:50-1:200
Calculated MW	12 kDa
Observed MW	12 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	7C10-3H3-9A3

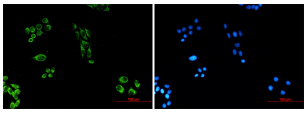
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



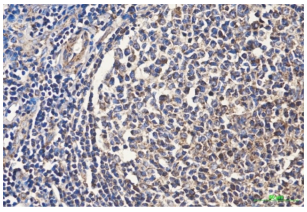
Western blot analysis of Cytochrome c in T47D, 3T3, COS7, C6 and Hela lysates using Cytochrome c antibody.



Western blot analysis of Cytochrome C (7C10) in Hela, T47D, mouse brain, K562, rat brain lysates using Cytochrome C (7C10) antibody.



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



Immunohistochemistry analysis of paraffin-embedded uman tonsil tissue using Cytochrome C (7C10) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.