

**Cytochrome c Antibody (Clone 7H8.2C12)**  
**Mouse Monoclonal Antibody**  
**Catalog # ABV10018****Specification**

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**Cytochrome c Antibody (Clone 7H8.2C12) - Product Information**

Application	WB
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b

**Cytochrome c Antibody (Clone 7H8.2C12) - Additional Information**

Application & Usage	Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects a 12.0 kDa protein corresponding to the apparent molecular weight of cytochrome c.
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**Other Names**  
CYCS, CYC**Target/Specificity**  
Cytochrome c**Antibody Form**  
Liquid**Appearance**  
Colorless liquid**Formulation**  
100 µg (0.2 mg/ml) purified IgG in PBS containing 50% glycerol, 0.5 % BSA and 0.01% Thimerosal and 50% glycerol**Handling**  
The antibody solution should be gently mixed before use.**Reconstitution & Storage**  
-20 °C**Background Descriptions****Precautions**  
Cytochrome c Antibody (Clone 7H8.2C12) is for research use only and not for use in diagnostic or therapeutic procedures.

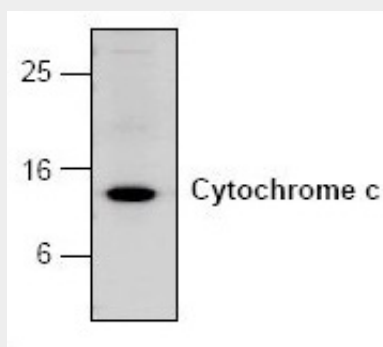
## Cytochrome c Antibody (Clone 7H8.2C12) - Protein Information

### Cytochrome c Antibody (Clone 7H8.2C12) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Cytochrome c Antibody (Clone 7H8.2C12) - Images



Western blot analysis of cytochrome c with Jurkat cell lysate.

### Cytochrome c Antibody (Clone 7H8.2C12) - Background

Cytochrome c (m.w. 12,500) is an electron transport protein from mitochondria. It is released from mitochondria to cytoplasm during the early stages of apoptosis, prior to caspase activation, DNA fragmentation, and loss of membrane potential. The cytoplasmic cytochrome c is associated with Apaf-1 and caspase-9 to activate caspase-3 and other caspases.