

Cytochrome c Antibody (Clone 7H8.2C12)

Mouse Monoclonal Antibody Catalog # ABV10018

Specification

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

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

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

Application & Usage

Western blot analysis (0.5-4 μ g/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.

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.



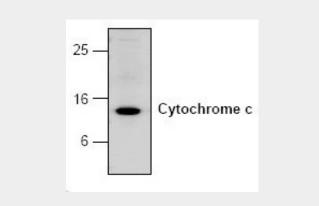
Cytochrome c Antibody (Clone 7H8.2C12) - Protein Information

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

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

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

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.