



Polyclonal Anti-Cytochrome C (Sepharose Bead Conjugate)

Catalogue No. PA1118-S

Lot No. 0111112151856

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, mouse, rat,. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP)

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminal of human Cytochrome C (91-105 aa), identical to the related rat and mouse sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

Cytochrome C is located in the mitochondria of all aerobic cells and is involved in the electron transport system. Human cytochrome c has 104 amino acid residues and a molecular weight of 11,458 and is mapped to 7p15.2. Cytochrome c released from mitochondria has been proposed to be an essential component of an apoptotic pathway responsive to DNA damage and other forms of cell stress. And it has a role in different apoptotic signaling cascades.

REFERENCE

1. Li, K.; Li, Y.; Shelton, J. M.; Richardson, J. A.; Spencer, E.; Chen, Z. J.; Wang, X.; Williams, R. S. : Cytochrome c deficiency causes embryonic lethality and attenuates stress-induced apoptosis. *Cell* 101: 389-399, 2000.

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