



Product Information Sheet

Polyclonal Anti-Cytochrome C (Magnetic Bead Conjugate)

Catalogue No. PA1118-M	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.
Lot No. 0111112151856	
Ig type: rabbit IgG1	Purification Immunogen affinity purified
Size: 100µg/Vial	Contents Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN ₃ .
Specificity Human, rat, mouse. No cross reactivity with other proteins.	Storage Store at 4°C for frequent use.
Recommended application <i>Immunoprecipitation(IP)</i>	Description: This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation

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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