



Product Information Sheet

Polyclonal Anti-C reactive protein, *CRP* (Magnetic Bead conjugate)

Catalogue No. PA1028-M

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminal of human CRP, identical to the related rat and mouse sequence.

Lot No.

Purity

Immunogen affinity purified.

Ig type: rabbit IgG

Size: 100µg/vial

Contents

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN₃.

Specificity

Human, mouse, rat.

No cross reactivity with other proteins.

Storage

Store at 4°C for frequent use.

Recommended application

Immunoprecipitation (IP)

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

C Reactive Protein (CRP) is a major acute phase reactant synthesized primarily in the liver hepatocytes. It is composed of 5 identical, 21,500-molecular weight subunits. CRP mediates activities associated with preimmune nonspecific host resistance. CRP shows the strongest association with cardiovascular events. It is detectable on the surface of about 4% of normal peripheral blood lymphocytes. Acute phase reactant CRP is produced in the liver.

REFERENCE

1. Kilpatrick, J. M.; Volanakis, J. E. : Molecular genetics, structure, and function of C-reactive protein. *Immun. Res.* 10: 43-53, 1991.
2. Kuta, A. E.; Baum, L. L. : C-reactive protein is produced by a small number of normal human peripheral blood lymphocytes. *J. Exp. Med.* 164: 321-326, 1986.
3. Oliveira, E. B.; Gotshlich, E. C.; Liu, T. : Primary structure of human C-reactive protein. *J. Biol. Chem.* 254: 489-502, 1979.

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