



## Product Information Sheet

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

**Catalogue No.** PA1028-M

**Lot No.**

**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 N-terminal of human CRP, identical to the related rat and mouse sequence.

**Purity**

Immunogen affinity purified.

**Contents**

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN<sub>3</sub>.

**Storage**

Store at 4°C for frequent use.

**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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