

30-1334: Anti-CRP Monoclonal Antibody (Clone:C5)

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| Clonality : | Monoclonal |
| Clone Name : | C5 |
| Application : | ELISA |
| Reactivity : | Human |
| Gene : | CRP |
| Gene ID : | 1401 |
| Uniprot ID : | P02741 |
| Format : | Purified |
| Alternative Name : | CRP,PTX1 |
| Isotype : | Mouse IgG2a |
| Immunogen Information : | Purified human CRP |

Description

The C-reactive protein (CRP) is a cyclic pentameric pentraxin family acute phase protein compound of five identical noncovalently bound nonglycosylated subunits (each subunit 24 kDa; physiologic CRP molecule 117,5 kDa). CRP is produced by the liver and its plasma levels rise dramatically during inflammatory processes occurring in the body. CRP is an initiator of classical complement cascade, binds to several nuclear components (chromatin, histones, etc.) and is also believed to play an important role in innate immunity. Patients with elevated basal levels of CRP are at increased risk for hypertension and cardiovascular disease.

Product Info

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| Amount : | 0.1 mg |
| Purification : | Purified by protein-A affinity chromatography |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

ELISA The antibody C5 has been tested as the capture antibody in a sandwich ELISA for analysis of human C-Reactive Protein in combination with the antibody C7 .