

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

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

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 .