

Product Datasheet

C Reactive Protein Antibody



Catalog No: CY5352

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC IP

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Information

UniProt ID: P02741

All Names: CRP;MGC149895;MGC88244; Pentraxin 1; PTX1; C reactive protein pentraxin related;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 25 kDa

Application

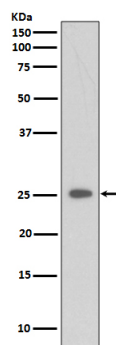
WB: 1:1000~1:2000

IHC: 1:500~1:1000

IP: 1:50

Background

Human c-Reactive protein (CRP) was discovered in serum of patients as a nonantibody precipitin of the C-polysaccharide from pneumococci. During acute infection, the amounts of circulating CPR increases 100-1000 fold. Serum CRP values are routinely measured to detect or monitor many human diseases and minor elevations of C-reactive protein are predictive of cardiovascular events in patients with coronary heart disease. CRP promotes host defense, is an efficient activator of the classical C cascade, and shown to be opsonic. The opsonic and C activation activities are responsible for the nonspecific host defense activities providing protection in the preimmune stage of acute infections. Additionally, IL-1 and IL-6 are known to stimulate CRP biosynthesis.



Western blot analysis of CRP expression in Etoposide treated 293 whole cell lysates.

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