

Rabbit anti-Human CRP mAb

Catalog No.: RM17829

Basic Information

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RM17829

Category
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification


Endotoxin Level


Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.


Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2µm filtered solution in PBS with 0.1% Bredas MB-1, PH 7.7.

Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

Background

C-Reactive Protein (CRP), also known as Pentraxin 1, is a non-glycosylated protein in the Pentraxin family that also includes Pentraxin 2/SAP and Pentraxin 3/TSG-14. CRP functions as a sensor and activator of the innate immune response. In humans, it is a major acute-phase protein; its circulating concentration is dramatically elevated at the onset of inflammation. In mice, however, serum CRP levels increase only slightly during inflammation, and the analogous acute phase role is filled by Pentraxin 2. CRP assembles non-covalently into a 110-120 kDa cyclical pentamer. Mature human CRP shares 71% and 64% amino acid (aa) sequence identity with mouse and rat CRP, respectively.

Immunogen Information

Immunogen
Recombinant Human CRP

Cross-Reactivity

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Assay Applications

Human CRP Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.25-1µg/mL	Rabbit anti-Human CRP (CAP)(Cat. No.RM17829)
ELISA Detection	0.027-0.1µg/mL	Rabbit anti-Human CRP (DET)(Cat. No.RM17830)
Standard	31.25-2000pg/mL	Recombinant Human CRP Protein