

# Rabbit anti-Human CRP mAb (CAP)

**Catalog No.: RM17641**

## Basic Information

**Catalog No.**  
RM17641

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.4.

## Contact

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## Background

The protein encoded by this gene belongs to the pentraxin family which also includes serum amyloid P component protein and pentraxin 3. Pentraxins are involved in complement activation and amplification via communication with complement initiation pattern recognition molecules, but also complement regulation via recruitment of complement regulators. The encoded protein has a calcium dependent ligand binding domain with a distinctive flattened beta-jellyroll structure. It exists in two forms as either a pentamer in circulation or as a nonsoluble monomer in tissues. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli. Elevated expression of the encoded protein is associated with severe acute res...

## Immunogen Information

**Immunogen**  
Recombinant Human CRP Protein  
Phe17-Pro224  
Accession #P02741

## Cross-Reactivity

No cross-reactivity in ELISA with recombinant hFicolin-1,rCRP,mCRP

## Assay Applications

Human CRP Sanwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2ug/mL	Human CRP Monoclonal Antibody, Rabbit MAb(CAP)(Cat. No. RM17641)
ELISA Detection	0.05-0.2ug/mL	Human CRP Monoclonal Antibody, Rabbit MAb(DET)(Cat. No. RM17642)
Standard	39-2500pg/mL	Recombinant Human CRP Protein(Cat. No. RM00337)