

# Rabbit anti-Human CRP mAb

**Catalog No.:** RM17827

## Basic Information

### Catalog No.

RM17827

### Category

Elisa Antibody Kit

### Application

ELISA

## Product Information

### Ig Type

Rabbit IgG

### Purification

Affinity purification

### Endotoxin Level

### Storage

Store at -20°C.

**Avoid repeated freeze-thaw cycles.**

### Formulation

Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, PH 7.4.

## Contact

	order@abclonal.com
	support@abclonal.com
	www.abclonal.com

## 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

## Cross-Reactivity

## Assay Applications

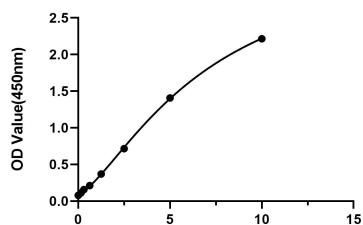
Human CRP Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 µg/mL	Rabbit anti-Human CRP mAb (Cat. No. RM17827)
	Detection	0.029-0.1 µg/mL	Rabbit anti-Human CRP mAb (Cat. No. RM17828)
	Standard	0.16-10 ng/mL	Recombinant Human CRP Protein

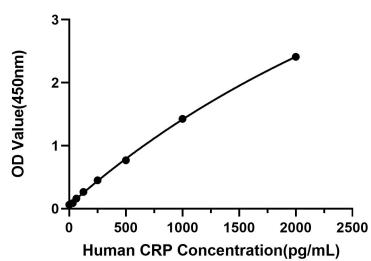
ELISA	Capture	0.25-1 µg/mL	Rabbit anti-Human CRP mAb (Cat. No. RM17827)
	Detection	0.027-0.1 µg/mL	Rabbit anti-Human CRP mAb (Cat. No. RM17830)
	Standard	31.25-2000 pg/mL	Recombinant Human CRP Protein

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay



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