



# Rabbit Anti-Mouse C-Reactive Protein monoclonal antibody, clone S143 (CABT-ZB490)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with Mouse C-Reactive Protein
<b>Target</b>	CRP
<b>Immunogen</b>	Recombinant Mouse C-Reactive Protein/CRP Protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	S143
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(cap) This antibody will detect C-Reactive Protein in antibody pair set. [ABPR-ZB065]
<b>Preparation</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse C-Reactive Protein/CRP.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
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.
Ship	Wet ice

## BACKGROUND

**Introduction** C-reactive protein (CRP) is synthesized by the liver in response to factors released by fat cells. It is a member of the pentraxin family of proteins. The levels of CRP rise in response to inflammation. Human C-reactive protein (CRP) is the classical acute phase reactant, the circulating concentration of which rises rapidly and extensively in a cytokine-mediated response to tissue injury, infection and inflammation. Serum CRP values are routinely measured, empirically, to detect and monitor many human diseases. However, CRP is likely to have important host defence, scavenging and metabolic functions through its capacity for calcium-dependent binding to exogenous and autologous molecules containing phosphocholine (PC) and then activating the classical complement pathway. CRP may also have pathogenic effects and the recent discovery of a prognostic association between increased CRP production and coronary atherothrombotic events is of particular interest.

**Keywords** CRP; C-reactive protein, pentraxin-related; PTX1; C-reactive protein

## GENE INFORMATION

**Synonyms** CRP; C-reactive protein, pentraxin-related; PTX1; C-reactive protein; pentraxin 1

**Entrez Gene ID** [12944](#)

**UniProt ID** [P14847](#)