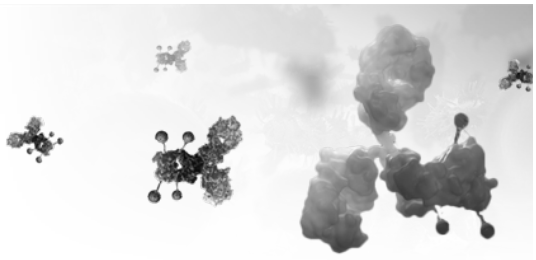

Mouse Anti-Human C-Reactive Protein monoclonal antibody, clone NN18U (CABT-ZB533)

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

PRODUCT INFORMATION

Specificity	It reacts with Human C-Reactive Protein
Target	CRP
Immunogen	Recombinant Human C-Reactive Protein/CRP Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN18U
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB533 - CABT-ZB897 This antibody will detect C-Reactive Protein in antibody pair set. [ABPR-ZB109]
Preparation	This product is a recombinant monoclonal antibody expressed from HEK293 cells.
Format	Purified, Liquid
Concentration	Lot specific

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Size	50 µL, 100 µL, 200 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	1401
UniProt ID	P02741

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