



Anti-C Reactive Protein monoclonal antibody, clone 607DU26.6.4 (DCABY-1070)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the pentaxin family. 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.
Specificity	This CRP antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 194-221 amino acids from human CRP.
Target	C Reactive Protein
Isotype	IgG3
Source/Host	Mouse
Species Reactivity	Human
Clone	607DU26.6.4
Conjugate	Unconjugated
Applications	WB
Molecular Weight	25039 Da
Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Size	100 µl
Preservative	0.09% Sodium Azide

Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Ship	Blue ice

GENE INFORMATION

Gene Name	CRP C-reactive protein, pentraxin-related [Homo sapiens (human)]
Official Symbol	CRP
Synonyms	CRP; PTX1; C-reactive protein; C-reactive protein(1-205)
Entrez Gene ID	1401
Protein Refseq	NP_000558
UniProt ID	P02741
Chromosome Location	1q23.2
Pathway	Classical antibody-mediated complement activation; Complement cascade; Creation of C4 and C2 activators; IL6-mediated signaling events; Immune System; Initial triggering of complement; Innate Immune System; Selenium Pathway
Function	cholesterol binding; choline binding; low-density lipoprotein particle binding; metal ion binding; protein binding; protein homodimerization activity