

C-Reactive Protein (CRP) Antibody, mAb, Mouse

Cat. No.	Name			Clone
V01501	C-Reactive Protein (hsCRP) Antibody (11C2), mAb, Mouse			11C2
V01502	C-Reactive Protein (hsCRP) Antibody (12D6), mAb, Mouse			12D6
V01505	C-Reactive Protein (CRP) Antibody (2R4), mAb, Mouse			2R4
V01507	C-Reactive Protein (CRP) Antibody (5D2), mAb, Mouse			5D2
Specificity	Human CRP			
Isotype	IgG1 for mAb 11C2, 2R4, and 5D2 IgG2a for mAb 12D6			
Production	Cultured <i>in vitro</i> under conditions free from animal-derived components			
Purification	Protein A/G affinity column			
Formulation	PBS, pH 7.4, containing 0.03% Proclin 300.			
Storage	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.			
Application	Platform	Capture	Detection	Application
	ELISA	11C2	12D6	Wide-range
	TRFIA	5D2	12D6	High-sensitivity
		11C2	12D6	Wide-range
	LETIA	2R4	12D6	Wide-range
Background	C-reactive protein (CRP) is synthesized in the liver by macrophage. Its level in blood increases when inflammation occurs. CRP serves as a useful marker for diagnosis of inflammation. High-sensitivity C-reactive protein (hsCRP), can serve as a risk marker for the diagnosis of myocardial infarction, ischemic stroke, peripheral vascular disease. Measuring hsCRP in blood is helpful to provide positive treatment of the disease.			

Product stability	Temperature, Time	Results for clones	
		11C2	12D6
	-80°C, 21 days	OK	
	-20°C, 21 days	OK	
	4°C, 21 days	OK	
	20°C, 21 days	OK	
	37°C, 21 days	OK	
	40°C, 21 days	OK	
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.		

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