

## 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	1) PBS, pH 7.4, containing 0.03% Proclin 300			
	2) 50 mM Na-citrate, 150 mM NaCl, pH7.0, containing 0.03% Proclin 300 *			
	*: For new batch since 09/01/2018, please refer to COA.			
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.

*For research use only*