

Rev02
Update: Aug,31,2026

DATASHEET

CRP (5D2), mAb, Mouse

Cat. No.: V01507

Overview

Specificity	Human CRP
Recommended Pairs	Sandwich immunoassay (Capture-Detection): 11C2 - 12D6 TRFIA (Capture-Detection): 5D2 - 12D6 11C2 - 12D6 LETIA: 2R4 - 12D6
Clone ID	5D2
Isotype	IgG1 for mAb 5D2
Subclass	IgG1
Host Species	Mouse
Antigen Species	Human

Properties

Conjugation	Unconjugated
Production	Cultured in vitro under conditions free from animal-derived components
Purification	Protein A/G affinity column
Concentration	≥ 2mg/ml
Formulation	50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% ProClin 300.
Storage	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Product Stability	Results for clones	
	11C2	12D6
Temperature, Time		
-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.	

Applications

Platform	Capture	Detection	Application
ELISA	11C2	12D6	Wide-range
TRFIA	5D2	12D6	High-sensitivity
	11C2	12D6	Wide-range
LETIA	2R4	12D6	Wide-range

Background

Target 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.

Synonyms : C-Reactive Protein (CRP) Antibody (5D2), mAb, Mouse

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