



# Anti-CRP monoclonal antibody, clone D6 (DMAB3073MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal Antibody to Human C Reactive Protein (CRP)
<b>Specificity</b>	Human CRP. Recognizes antigen both-in the presence and in the absence (samples containing EDTA) of Ca <sup>2+</sup> .
<b>Immunogen</b>	Purified Human CRP
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	D6
<b>Affinity Constant</b>	1.7 x 10 <sup>-8</sup>
<b>Purification</b>	>90% pure (SDS-PAGE). Protein A Sepharose chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	CRP immunoassay and immunoaffinity purification. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pairs for sandwich immunoassay: Capture Detection DMAB3073MH DMAB3076MH DMAB3073MH DMAB2022MH
<b>Procedure</b>	Cardiac markers Antibodies

<b>Format</b>	Purified, Liquid
<b>Concentration</b>	6mg/ml (Sigma protein assay kit). Titer: ELISA is >10 <sup>6</sup>
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C.
<b>Warnings</b>	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CRP C-reactiveprotein, pentraxin-related [ Homo sapiens ]</a>
<b>Official Symbol</b>	CRP
<b>Synonyms</b>	C reactive protein; C-reactive protein; C reactive protein pentraxin related; C-reactive protein(1-205); CRP; CRP_HUMAN; MGC88244; PTX 1; PTX1; MGC149895; C-reactive protein, pentraxin-related; pentraxin 1; OTTHUMP00000033307; C Reactive Protein; C Reactive Protein;
<b>Entrez Gene ID</b>	<a href="#">1401</a>
<b>Protein Refseq</b>	<a href="#">NP_000558</a>
<b>UniProt ID</b>	<a href="#">P02741</a>
<b>Chromosome Location</b>	1q21-q23
<b>Pathway</b>	Classical antibody-mediated complement activation; Complement cascade; Creation of C4 and C2 activators; IL6-mediated signaling events; Immune System; Initial triggering of complement; Innate Immunity Signaling; Selenium Pathway
<b>Function</b>	Gram-positive bacterial cell surface binding; binding; cholesterol binding; choline binding; low-density lipoprotein particle binding; metal ion binding; protein binding; protein homodimerization activity