

## DESCRIPTION

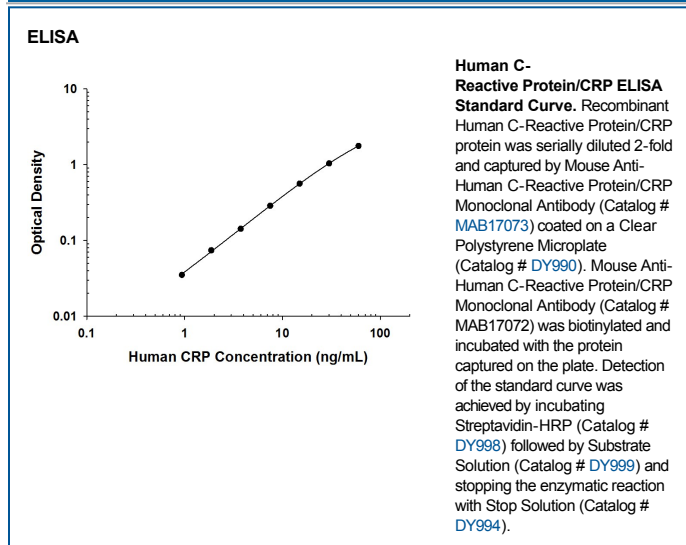
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human C-Reactive Protein/CRP in direct ELISAs.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 987312
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human C-Reactive Protein/CRP Phe17-Pro224 Accession # P02741
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

<b>ELISA</b>	<p>This antibody functions as an ELISA detection antibody when paired with Mouse Anti-Human C-Reactive Protein/CRP Monoclonal Antibody (Catalog # <a href="#">MAB17073</a>).</p> <p><i>This product is intended for assay development on various assay platforms requiring antibody pairs. We recommend the Human C-Reactive Protein/CRP DuoSet ELISA Kit (Catalog # <a href="#">DY1707</a>) for convenient development of a sandwich ELISA or the Human C-Reactive Protein/CRP Quantikine ELISA Kit (Catalog # <a href="#">DCRP00</a>) for a complete optimized ELISA.</i></p>
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## DATA



## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## BACKGROUND

CRP is a secreted protein that belongs to the Pentraxin family. It circulates as a non-covalent homopentamer. The CRP concentration in human plasma is highly increased during acute phase response to tissue injury or infection.