

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human C-Reactive Protein/CRP in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 987313
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human C-Reactive Protein/CRP Phe17-Pro224 Accession # P02741
Formulation	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.

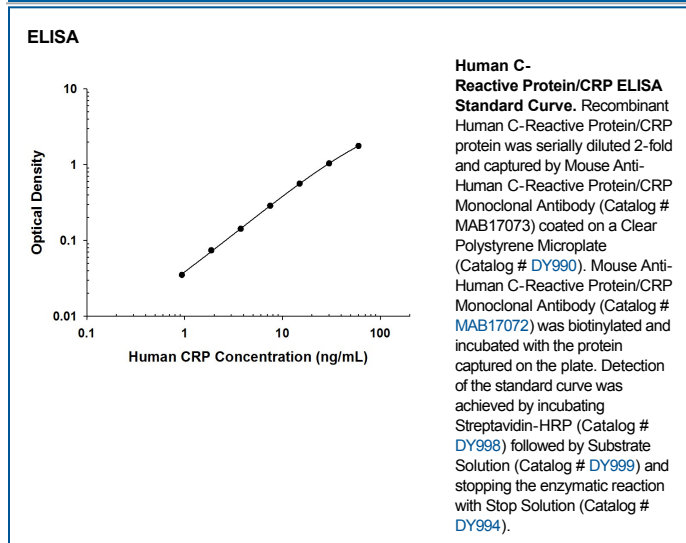
APPLICATIONS

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.

ELISA This antibody functions as an ELISA capture antibody when paired with Mouse Anti-Human C-Reactive Protein/CRP Monoclonal Antibody (Catalog # [MAB17072](#)).

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 # [DY1707](#)) for convenient development of a sandwich ELISA or the Human C-Reactive Protein/CRP Quantikine ELISA Kit (Catalog # [DCRP00](#)) for a complete optimized ELISA.

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	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
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.