

Product Datasheet

Name: Mouse Anti-C-reactive protein Monoclonal Antibody

Description: Hybridoma clones have been derived from hybridization of myeloma cells with spleen cells of BALB/c mouse immunized with recombinant human C-reactive protein.

Catalog No.	Clone	Isotype	Unit	Buffer
V0101	2D5	IgG1	mg	10mM PBS (pH7.4)

Specificity: Mab react with antigen recombinant human C-reactive protein

Host: Mouse

Clonality: Monoclonal

Format: Liquid

Concentration: ≥1mg/ml

Purification: ≥90% (SDS-PAGE)

Preservative: 0.1%Proclin300

Application: Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

Storage: Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: C-Reactive Protein (CRP), also known as Pentraxin 1, is a secreted pentameric protein that functions as a sensor and activator for the innate immune response. The level of CRP rises when there is inflammation throughout the body. It is one of a group of proteins called acute phase reactants that go up in response to inflammation. The levels of acute phase reactants increase in response to certain inflammatory proteins called cytokines. These proteins are produced by white blood cells during inflammation.

Note: This product as supplied is intended for research or further manufacturing use only.