

ARG10500 anti-C Reactive Protein antibody [CRP11]

Package: 100 µg, 50 µg
Store at: -20°C

Summary

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| Product Description | Mouse Monoclonal antibody [CRP11] recognizes C Reactive Protein |
| Tested Reactivity | Hu |
| Tested Application | ELISA, IHC, Puri, WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | CRP11 |
| Isotype | IgG1 |
| Target Name | C Reactive Protein |
| Species | Human |
| Immunogen | Balb/c mice immunized with human CRP, derived from pleural/ascetic fluid or plasma. |
| Conjugation | Un-conjugated |
| Alternate Names | 1-205; PTX1; C-reactive protein |

Application Instructions

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| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |
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Properties

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| Form | Liquid |
| Purification | Protein A affinity purified. |
| Buffer | PBS (pH 7.2) and 0.1% Sodium azide |
| Preservative | 0.1 % Sodium azide |
| Concentration | 1.0-2.0 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Database links | GeneID: 1401 Human Swiss-port # P02741 Human |
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| Gene Symbol | CRP |
| Gene Full Name | C-reactive protein, pentraxin-related |
| Background | The protein encoded by this gene belongs to the pentaxin family. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli. [provided by RefSeq, Sep 2009] |
| Function | Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. [UniProt] |
| Research Area | Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody; Immune System antibody; Metabolism antibody |
| Calculated Mw | 25 kDa |