

ARG30194 C Reactive Protein (CRP) ELISA Antibody Duo

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG10348	anti-C Reactive Protein antibody [C5]	Mouse mAb	Hu	ELISA	100 µg
ARG10499	anti-C Reactive Protein antibody [CRP135]	Mouse mAb	Hu	ELISA, IHC-P, Puri	100 µg

Summary

Product Description	C -reactive protein (CRP) is an acute phase protein that is comprised of five identical 23kDa subunits. The protein increases rapidly in response to inflammation, trauma and infection, and drops to normal level when the conditions no longer present. CRP plays a role in innate immunity by binding to phosphocholin on the surface of damaged cells or certain microbes, and activating the C1q complex in complement system. CRP is primarily produced by hepatocytes under the stimulation by inflammatory cytokines including IL-6 and TNF-alpha. Elevated CRP level is implicated with bacterial infection, autoimmune diseases, trauma and post-surgical complications. Study has shown that people with higher CRP baseline have a higher disposition to develop cardiovascular diseases such as heart attack and stroke. ARG30194 CRP ELISA Duos, includes a capture antibody, ARG10348 C-Reactive Protein antibody [C5] and a detection antibody, ARG10499 C-Reactive Protein antibody [CRP135], for studying C -reactive protein (CRP) expression level by ELISA.
Target Name	C Reactive Protein
Alternate Names	C Reactive Protein (CRP) ELISA antibody; C Reactive Protein ELISA antibody; CRP ELISA antibody; C Reactive Protein antibody; CRP antibody

Properties

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

Gene Full Name	C Reactive Protein (CRP) ELISA Antibody Duo
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody; Immune System antibody; Metabolism antibody