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Product datasheet for AM09005PU-S

C Reactive Protein (CRP) (19-224) Mouse Monoclonal Antibody [Clone ID: 5A9]

Product data:

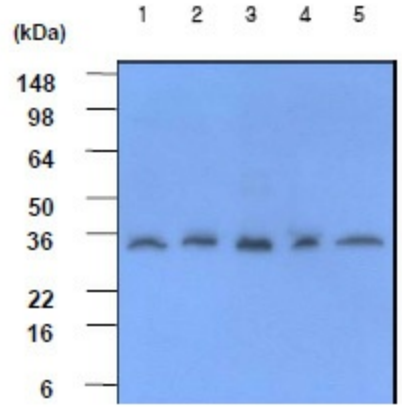
Product Type:	Primary Antibodies
Clone Name:	5A9
Applications:	ELISA, FC, IF, WB
Recommended Dilution:	**ELISA.** **Western blot** (1:1,000 - 1:2,000). **Immunocytochemistry/Immunoflourescence.** **Flow cytometry.**
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant human CRP (19-224 aa) purified from E. coli
Specificity:	The antibody recognizes CRP at aa 19-224.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-reactive protein, pentraxin-related
Database Link:	Entrez Gene 1401 Human P02741

View online »

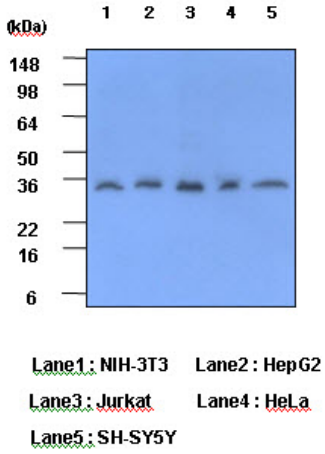
Background: C-reactive protein (CRP) is an acute-phase protein with a well-known association with infection and other inflammatory conditions. Mild elevations in C-reactive protein concentration predict myocardial infarction, stroke, and vascular death in a variety of clinical settings. Despite the lack of specific evidence that C-reactive protein levels are independently associated with cardiovascular risk in patients with hypertension, the prognostic value of C-reactive protein has proven to be complementary to that of blood pressure values.

Synonyms: PTX1, C Reactive Protein, Pentraxin-related

Product images:



Cell lysates of NIH-3T3, HepG2, Jurkat, HeLa and SH-SY5Y (each 40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CRP (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western blot analysis: Cell lysates of NIH-3T3 (lane 1), HepG2 (lane 2), Jurkat (lane 3), HeLa (lane 4) and SH-SY5Y (lane 5) -each 40 ug- were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CRP (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.