

32-6069: Mouse Anti Human C-Reactive Protein(Clone:P5A9AT.)

Clonality :	Monoclonal
Clone Name :	P5A9AT.
Application :	ELISA,WB
Gene :	CALR
Gene ID :	811
Uniprot ID :	P27797
Format :	Purified
Alternative Name :	C-reactive protein,CRP,PTX1,MGC88244,MGC149895.
Isotype :	Mouse IgG2a heavy chain and ? light chain.
Immunogen Information :	Anti-human CRP mAb is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human CRP amino acids 19-224 purified from E. coli.

Description

CRP is an acute phase protein that correlates with inflammatory disease and is synthesized by hepatocytes during the acute phase response by certain cytokines (IL-1 and TNF Alpha and Beta). CRP levels increase dramatically (up to 1,000 fold) and serve as a useful marker of inflammation in such conditions as bacterial infection, rheumatoid arthritis, viral infections, transplantation rejection, meningitis, myocardial infarction, septicemia, osteomyelitis and others. CRP is also highly correlated to Serum Amyloid A levels.

Product Info

Amount :	20 µg
Purification :	CRP antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

CRP antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.