

bsm-0391M**[Primary Antibody]****CRP(C11F2) Mouse mAb****Bioss**
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www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

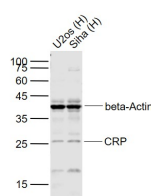
400-901-9800

DATASHEET**Host:** Mouse**Clonality:** Monoclonal**Target:** CRP(C11F2)**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

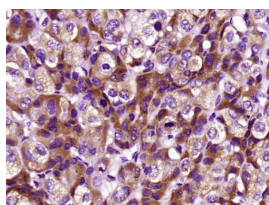
Storage: Size : 50ul/100ul/200ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Pentraxins are plasma proteins characterized by their pentameric discoid assembly and their Ca²⁺ dependent ligand binding, such as Serum amyloid P component (SAP) and C-reactive Protein (CRP), which are cytokine-inducible acute-phase proteins implicated in innate immunity. CRP binds to ligands containing phosphocholine, SAP binds to amyloid fibrils, DNA, chromatin, fibronectin, C4-binding proteins and glycosaminoglycans. "Long" pentraxins have N-terminal extensions to the common pentraxin domain; one group, the neuronal pentraxins, may be involved in synapse formation and remodeling, and they may also be able to form heteromultimers.

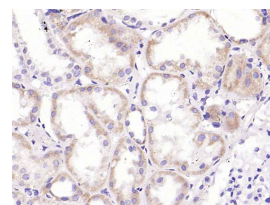
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human**Predicted MW.:** 25 kDa**Subcellular Location:** Secreted**VALIDATION IMAGES**

Sample: Lane 1: U2os (Human) Cell Lysate at 30 ug
Lane 2: Siha (Human) Cell Lysate at 30 ug
Primary: Anti- CRP (bsm-0391M) at 1/1000
dilution Anti- beta-Actin (bs-0061R) at 1/2000
dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 25 kD Observed band size: 26 kD



Paraformaldehyde-fixed, paraffin embedded (Human liver cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CRP(C11F2)) Polyclonal Antibody, Unconjugated (bsm-0391M) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Mouse) (sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CRP(C11F2)) Monoclonal Antibody, Unconjugated (ascites of bsm-0391M C11F2) at 1:2000 overnight at 4°C, followed by operating according to SP Kit(Mouse) (sp-0024) instructions and DAB staining.

SELECTED CITATIONS

- **[IF=15.881]** Maoze Guo. et al. Shark Tooth-Inspired Microneedle Dressing for Intelligent Wound Management. Acs Nano. 2021;15(9):15316–15327 Other ;material. 34533924
- **[IF=11.092]** Baoyang Lin. et al. Patterned Duplex Fibric based on Genetically Modified Spidroin for Smart Wound Management. ADV HEALTHC MATER. 2022 Nov;;2202213 Other ;Mouse. 36349744
- **[IF=0.5]** Zhou, Mingxue, et al. "The effect of hydroxy safflower yellow A on inflammatory reaction in myocardium of the

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rats after acute myocardial infarction." African Journal of Pharmacy and Pharmacology 7.12 (2013): 643-649. IHC ;Rat.
10.5897/ajpp12.1181