

CRP(C11F2) Mouse mAb

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Catalog # AP94012

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Physical State	Liquid
Immunogen	Recombined CRP protein
Isotype	IgG
Purity	affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**SUBCELLULAR LOCATION** Secreted.**Important Note** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**Background Descriptions** 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.

Additional Information

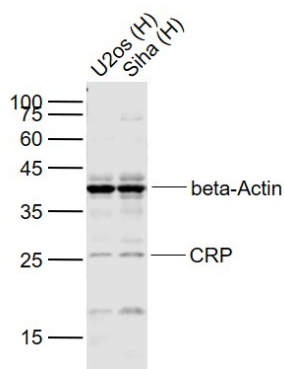
Dilution WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500**Storage** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images

Sample:
Lane 1: U2os (Human) Cell Lysate at 30 ug



Lane 2: Siha (Human) Cell Lysate at 30 ug

Primary:

Anti- CRP (AP94012) at 1/1000 dilution

Anti- beta-Actin (AP94012) at 1/2000 dilution

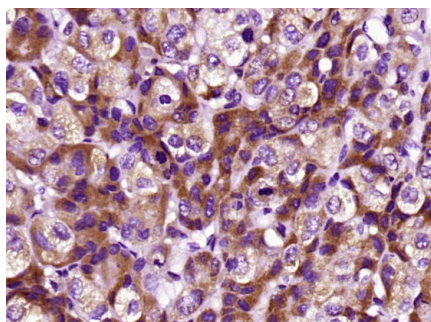
Secondary:

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 (AP94012) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Mouse) (sp-0024) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.