bsm-61699R

[Primary Antibody]

CRP Recombinant Rabbit mAb

— DATASHEET —

Host: Rabbit

Clonality: Recombinant

GeneID: 1401

Target: CRP

Isotype: IgG

CloneNo.: 20F17

SWISS: P02741

Immunogen: A synthesized peptide derived from human C reactive protein: 201-224/224.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

Applications: **WB** (1:500-2000)
IHC-P (1:50-200)
IHC-F (1:50-200)
IF (1:50-200)
**IP** (1:20-50)

Reactivity: Human

Predicted MW.: 25

Subcellular Location: Secreted

— VALIDATION IMAGES —
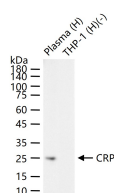
25 ug total protein per lane of various lysates (see on figure) probed with CRP monoclonal antibody, unconjugated (bsm-61699R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.
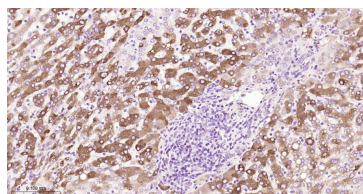
Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CRP Monoclonal Antibody, Unconjugated (bsm-61699R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.
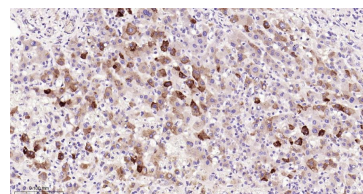
Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CRP Monoclonal Antibody, Unconjugated (bsm-61699R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.