

## Anti-CRP Antibody (6D994)

### Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 25 kDa. Actual: 26 kDa.
Clone:	6D994
Purification:	Protein A purified

### Applications

1. Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CRP(C11F2)) Monoclonal Antibody, Unconjugated (ascites of TMAB-04699 C11F2) at 1: 2000 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

2. Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CRP(C11F2)) Monoclonal Antibody, Unconjugated (ascites of TMAB-04699 C11F2) at 1: 2000 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

3. Sample:

Lane 1: U2os (Human) Cell Lysate at 30 µg

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

Primary:

Anti-CRP (TMAB-04699) at 1/1000 dilution

Anti-beta-Actin 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

4. Paraformaldehyde-fixed, paraffin embedded (Human liver cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CRP(C11F2)) Polyclonal Antibody, Unconjugated (TMAB-04699) at 1: 400 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.

Verified Activity:

## A DRUG SCREENING EXPERT

---

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

---

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

---

### Antigen Details

Immunogen: Recombinant Protein: CRP protein

Gene ID: 1401

---

### Research Background

Pentraxins are plasma proteins characterized by their pentameric discoid assembly and their Ca<sup>2+</sup> 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481