

Anti-C-Reactive Protein /CRP Antibody (7K4)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7K4
Purification:	Affinity-chromatography

Applications

Verified Activity:	IHC image of TMAH-00300 diluted at 1:50 and staining in paraffin-embedded human liver cancer performed on a Leica Bond TM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.38% DAB.
Application:	ELISA, IHC
Recommended	IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human CRP
Antigen Species:	Human
Gene ID:	1401
Uniprot ID:	P02741
Synonyms:	PTX1MGC149895;pentraxin 1;MGC88244;CRP;PTX1;C-reactive protein
Biology Area:	Epigenetics and Nuclear Signaling, Cardiovascular, Immunology, Metabolism

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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