



# IHCeasy CRP Ready-To-Use IHC Kit

Catalog Number: KHC0397

**General Information** 

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Rat Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Mouse Monoclonal

Secondary antibody type: Polymer-HRP-Goat anti-Mouse

#### Kit Component

Antigen Retrieval Buffer 100 mL	50×
Washing Buffer 100 mL × 2	20×
Blocking Buffer 5 mL	RTU
Primary Antibody 5 mL	RTU
Secondary Antibody 5 mL	RTU
Chromogen Component A 0.2 mL	RTU
Chromogen Component B 4 mL	RTU
Signal Enhancer 5 mL	RTU
Counter Staining Reagent 5 mL	RTU
Mounting Media 5 mL	RTU
Control Slide 1 slide (Optional)	FFPE
Datasheet 1 Copy	
Manual 1 Copy	

## **Storage Instructions**

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

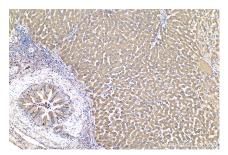
### Background

C-reactive protein (CRP) is an acute-phase serum protein synthesized by the liver in response to interleukin-6 (IL-6) during inflammation. The name of CRP derives from its ability to react with the C polysaccharide of Streptococcus pneumoniae. CRP is an annular, pentameric protein that belongs to the pentraxin family of proteins. CRP displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. It is used mainly as a marker of inflammation.

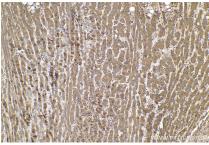
#### **Synonyms**

C reactive protein, CRP, PTX1

## Selected Validation Data



Immunohistochemical analysis of paraffinembedded human liver tissue slide using KHC0397 (CRP IHC Kit).



Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using KHC0397 (CRP IHC Kit).



Immunohistochemical analysis of paraffinembedded rat liver tissue slide using KHC0397 (CRP IHC Kit).