

# IHC*easy* C1R Ready-To-Use IHC Kit

Catalog Number: **KHC0404**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human  
Cited Reactivity:

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Rabbit Polyclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
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.

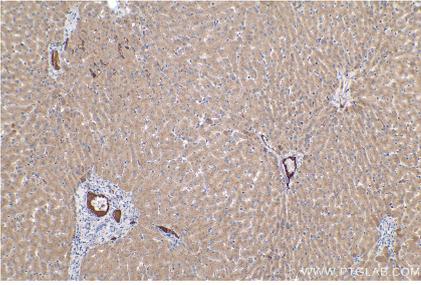
## Background

The first component of complement is a calcium-dependent complex of the 3 subcomponents C1q, C1r, and C1s. The serine protease subunits C1r and C1s form a Ca<sup>2+</sup>-dependent C1s-C1r-C1r-C1s tetramer. C1r acts by transforming the activation signal into an enzymic activity. C1r is a single-chain glycoprotein which can be cleaved into an A chain and a B chain upon activation. Primary antibody in this kit recognizes full-length C1r chain and the cleaved B chain.

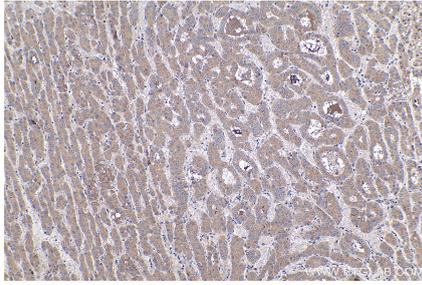
## Synonyms

C1R, Complement C1r subcomponent

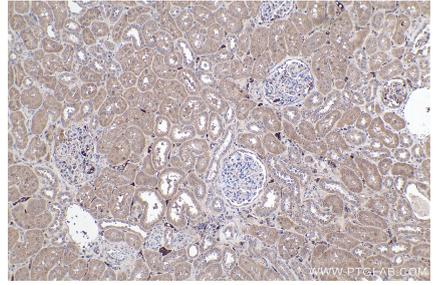
## Selected Validation Data



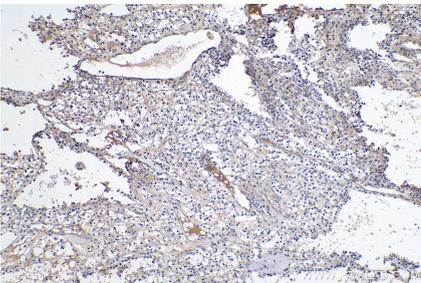
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0404 (C1R IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0404 (C1R IHC Kit).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0404 (C1R IHC Kit).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using KHC0404 (C1R IHC Kit).