

IHC*easy* C3 Ready-To-Use IHC Kit

Catalog Number: **KHC0375**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse

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 complement system is an important effector which bridges the innate and adaptive immune systems. The third component of complement, C3, plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. Human C3, composed of α and β chains, is cleaved into C3a and C3b by C3 convertase. C3b is further cleaved into iC3b, C3c, C3dg and C3f. This antibody raised against 1314-1663 aa of human C3 protein recognize C3 alpha chain, C3b alpha' chain, and C3c alpha' chain fragment 2.

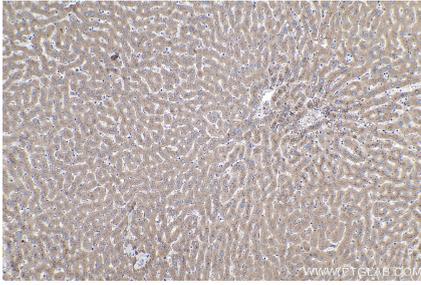
Synonyms

ARMD9, ASP, C3, C3b, C3c, Complement C3, complement component 3, CPAMD1

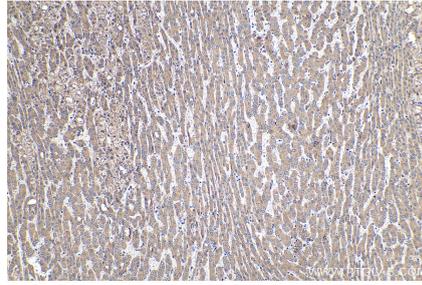
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

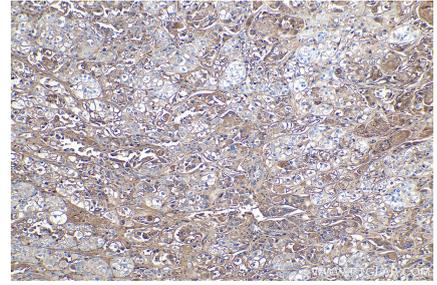
Selected Validation Data



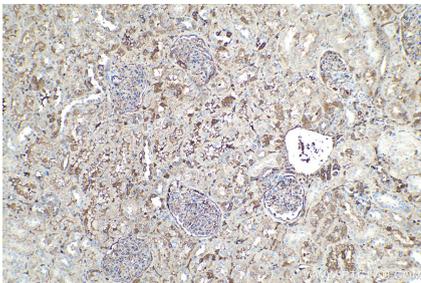
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0375 (C3 IHC Kit).



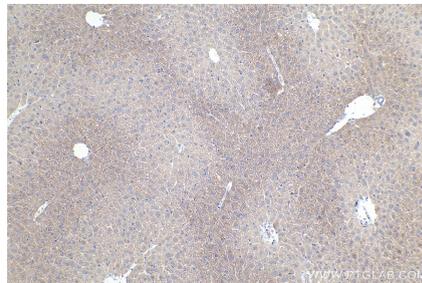
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0375 (C3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using KHC0375 (C3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0375 (C3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC0375 (C3 IHC Kit).