

# IHC*easy* CD163 Ready-To-Use IHC Kit

Catalog Number: **KHC0942**

## General Information

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

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Mouse Monoclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Mouse

## 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.

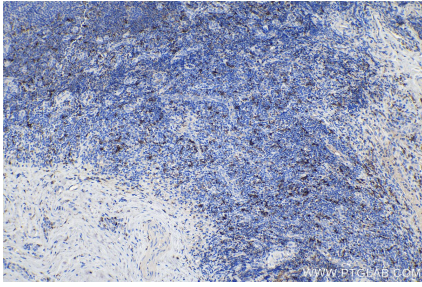
## Background

CD163 is a transmembrane protein which belongs to the scavenger receptor cysteine-rich (SRCR) superfamily. This protein is a scavenger receptor for the hemoglobin-haptoglobin complex and is a marker for monocytes and macrophages. Soluble CD163 (sCD163), as a result of ectodomain shedding during inflammatory activation of macrophages, circulates in blood and has been suggested as a plasma/serum marker for macrophage activity.

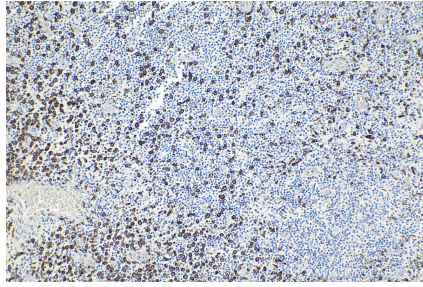
## Synonyms

CD163, CD163 molecule, Hemoglobin scavenger receptor, M130, MM130, sCD163

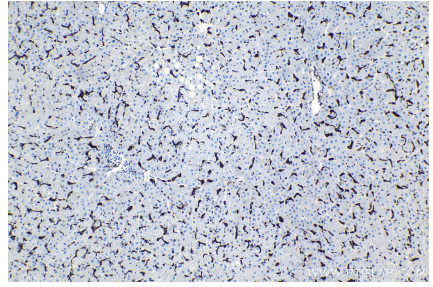
## Selected Validation Data



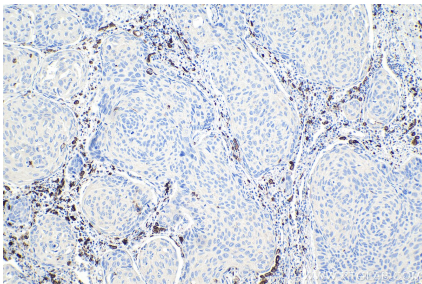
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using KHC0942 (CD163 IHC Kit).



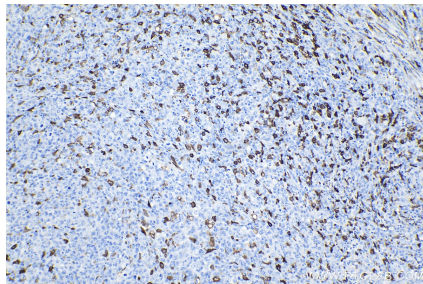
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0942 (CD163 IHC Kit).



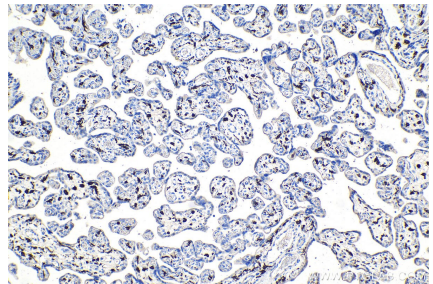
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0942 (CD163 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0942 (CD163 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using KHC0942 (CD163 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC0942 (CD163 IHC Kit).