

# IHC*easy* CD16 Ready-To-Use IHC Kit

Catalog Number: **KHC0029**

## 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

CD16 is a low affinity Fc receptor found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. CD16 mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis. CD16 has been identified as Fc receptors FcγRIIIa (CD16a) and FcγRIIIb (CD16b), encoded by two nearly identical genes, FCGR3A and the FCGR3B.

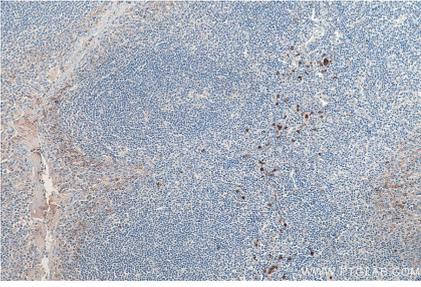
## Synonyms

CD16, CD16A, CD16a antigen, Fc gamma RIII, Fc gamma RIII alpha, Fc gamma RIIIa, FCG3, FCGR3, FCGR3A, FCGRIII, FCR 10, FCRIII, FCRIIIA, IGFR3, IgG Fc receptor III 2

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using KHC0029 (CD16 IHC Kit).