

For Research Use Only

# CoraLite® Plus 488-conjugated CD163 Polyclonal antibody



Catalog Number: **CL488-16646**

## Basic Information

Catalog Number: CL488-16646	GenBank Accession Number: BC051281	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9332	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: CD163 molecule	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG	Calculated MW: 1156 aa, 125 kDa	
Immunogen Catalog Number: AG10029		

## Applications

Tested Applications: IF	Positive Controls: IF : human tonsillitis tissue, human liver cancer tissue
Species Specificity: human	

## Background Information

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.

## Storage

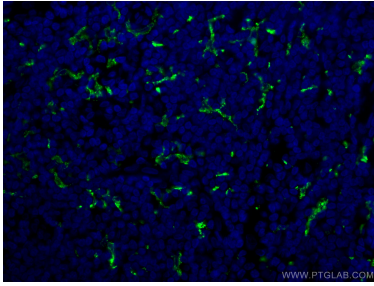
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

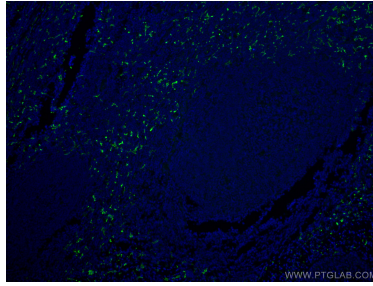
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 CD163 antibody (CL488-16646) at dilution of 1:200.



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