

For Research Use Only

# CoraLite®594-conjugated CD163 Polyclonal antibody

Catalog Number:CL594-16646

Featured Product

2 Publications



## Basic Information

Catalog Number:

CL594-16646

Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10029

GenBank Accession Number:

BC051281

GeneID (NCBI):

9332

ENSEMBL Gene ID:

ENSG00000177575

UNIPROT ID:

Q86VB7

Full Name:

CD163 molecule

Calculated MW:

1156 aa, 125 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF-P

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

IF-P : human tonsillitis tissue, human liver tissue

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuyang Liu	35350788	Front Immunol	IF
Haiying Zhang	39616731	Phytomedicine	WB

## 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

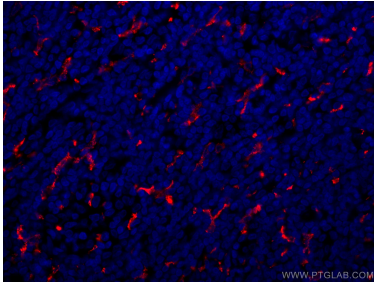
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

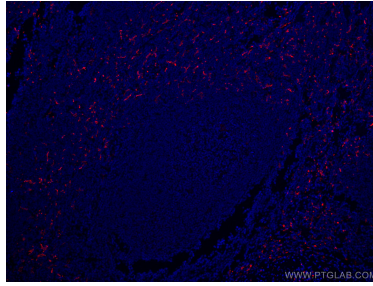
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 CD163 antibody (CL594-16646) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 CD163 antibody (CL594-16646) at dilution of 1:200.