

For Research Use Only

CoraLite®594-conjugated CD163 Polyclonal antibody



Catalog Number: CL594-16646

1 Publications

Basic Information

Catalog Number: CL594-16646	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: 588 nm / 604 nm
Isotype: IgG	Calculated MW: 1156 aa, 125 kDa	
Immunogen Catalog Number: AG10029		

Applications

Tested Applications: IF	Positive Controls: IF : human tonsillitis tissue,
Cited Applications: IF	
Species Specificity: human	
Cited Species: 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuyang Liu	35350788	Front Immunol	IF

Storage

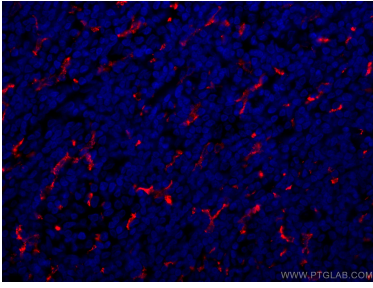
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

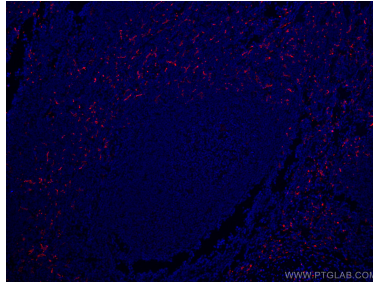
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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



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