

For Research Use Only

CoraLite® Plus 488-conjugated CD68 Polyclonal antibody

Catalog Number: CL488-25747

1 Publications



Basic Information

Catalog Number:

CL488-25747

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22815

GenBank Accession Number:

BC015557

GeneID (NCBI):

968

UNIPROT ID:

P34810

Full Name:

CD68 molecule

Calculated MW:

37 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P

Cited Applications:

IF

Species Specificity:

human, mouse

Positive Controls:

IF-P: human tonsillitis tissue,

Background Information

CD68 is a type I transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It belongs to the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family and primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. CD68 is also a member of the scavenger receptor family. It may play a role in phagocytic activities of tissue macrophages. The apparent molecular weight of CD68 is larger than calculated molecular weight due to post-translation modification.

Notable Publications

Author	Pubmed ID	Journal	Application
Jun Li	39995994	PeerJ	IF

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

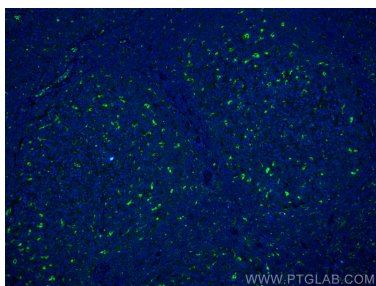
T: 4006900926

E: Proteintech-CN@ptglab.com

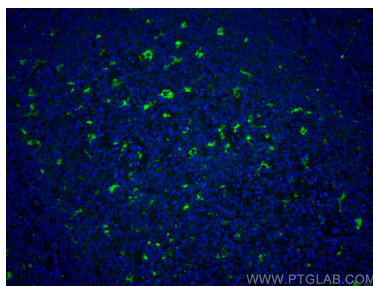
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 CD68 antibody (CL488-25747) at dilution of 1:200.



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