

For Research Use Only

# CoraLite® Plus 488-conjugated CD32 Recombinant monoclonal antibody

Catalog Number: CL488-86588-2



## Basic Information

Catalog Number:

CL488-86588-2

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2713

GenBank Accession Number:

NM\_001136219.3

GeneID (NCBI):

2212

UNIPROT ID:

P12318-1

Full Name:

Fc fragment of IgG, low affinity IIa, receptor (CD32)

Calculated MW:

35 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

251087D9

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : K-562 cells, U-937 cells

## Background Information

CD32 (Fc $\gamma$ RII) is a 40 kD transmembrane glycoprotein that binds to the Fc region of IgG with low affinity. CD32 is present on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes.

## 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:

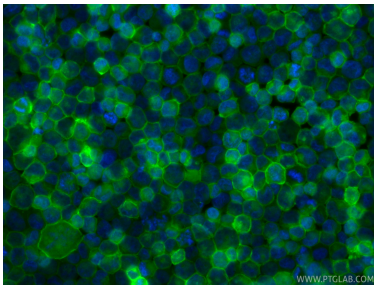
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 K-562 cells using CoraLite® Plus 488 CD32 antibody (CL488-86588-2, Clone: 251087D9 ) at dilution of 1:200.