

For Research Use Only

CoraLite® Plus 488-conjugated CD37 Recombinant monoclonal antibody

Catalog Number: CL488-85917



Basic Information

Catalog Number:

CL488-85917

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2729

GenBank Accession Number:

NM_007645.4

GeneID (NCBI):

12493

UNIPROT ID:

Q61470

Full Name:

CD37 antigen

Calculated MW:

32 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

250262A3

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P

Species Specificity:

mouse, rat

Positive Controls:

IF-P: mouse spleen tissue,

Background Information

CD37 is a membrane protein of the tetraspanin superfamily which are characterized by the presence of four conserved transmembrane regions. Many of these members are expressed on leukocytes and have been implicated in signal transduction, cell-cell interactions, and cellular activation and development. CD37 plays a role in B-cell function, and may also play a role in T-cell-B-cell interactions (PMID: 10891477).

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:

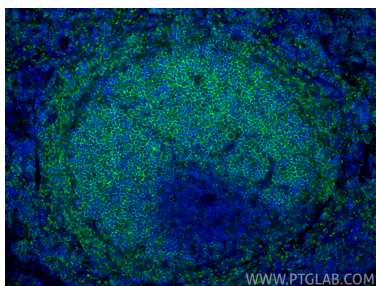
T: 4006900926

E: Proteintech-CN@ptglab.com

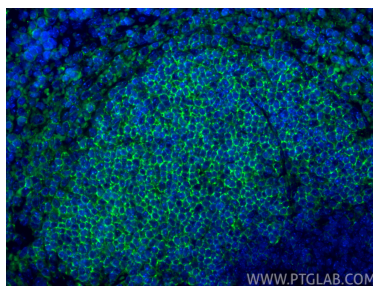
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using CoraLite® Plus 488 CD37 antibody (CL488-85917, Clone: 250262A3) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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