

For Research Use Only

# CoraLite® Plus 488-conjugated CD37 Recombinant monoclonal antibody

Catalog Number: CL488-85917



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85917	NM_007645.4	Protein A purification
Source:	GenID (NCBI):	CloneNo.:
Rabbit	12493	250262A3
Isotype:	UNIPROT ID:	Recommended Dilutions:
IgG	Q61470	IF-P: 1:50-1:500
Immunogen Catalog Number:	Full Name:	Excitation/Emission maxima
EG2729	CD37 antigen	wavelengths:
	Calculated MW:	493 nm / 522 nm
	32 kDa	
	Observed MW:	
	45 kDa	

## Applications

Tested Applications:	Positive Controls:
IF-P	
Species Specificity:	IF-P: mouse spleen tissue,
mouse, rat	

## 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:

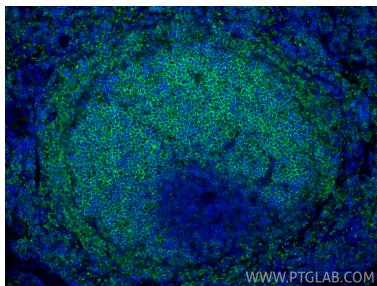
T: 4006900926

E: Proteintech-CN@ptglab.com

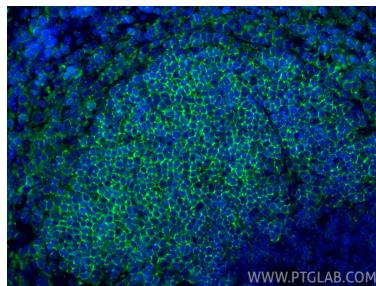
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## Selected Validation Data



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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