

For Research Use Only

Mouse CD37 Recombinant antibody, PBS Only

Catalog Number: 85917-1-PBS



Basic Information

Catalog Number: 85917-1-PBS	GenBank Accession Number: NM_007645.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 12493	CloneNo.: 250262A3
Source: Rabbit	UNIPROT ID: Q61470	
Isotype: IgG	Full Name: CD37 antigen	
Immunogen Catalog Number: EG2729	Calculated MW: 32 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
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

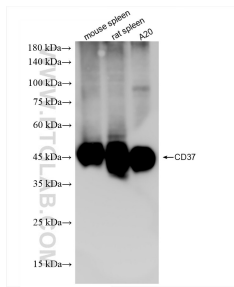
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

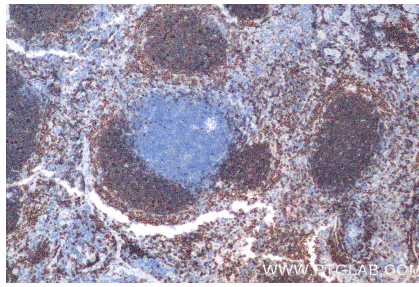
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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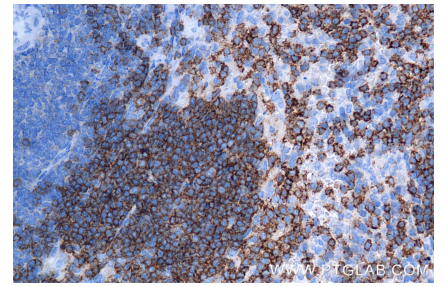
Selected Validation Data



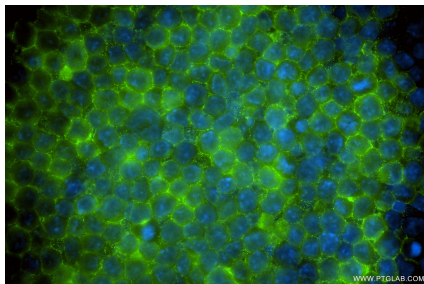
Various lysates were subjected to SDS PAGE followed by western blot with 85917-1-RR (Cd37 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85917-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 85917-1-RR (CD37 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85917-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 85917-1-RR (CD37 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85917-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A20 cells using Cd37 antibody (85917-1-RR, Clone: 250262A3) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 85917-1-PBS in a different storage buffer formulation.