

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;	GenID (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).

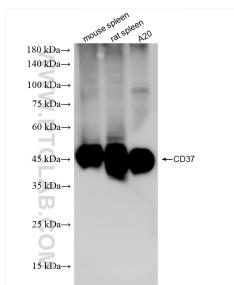
## Storage

Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

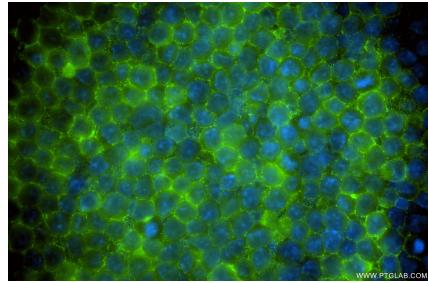
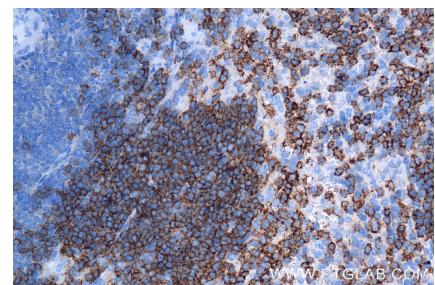
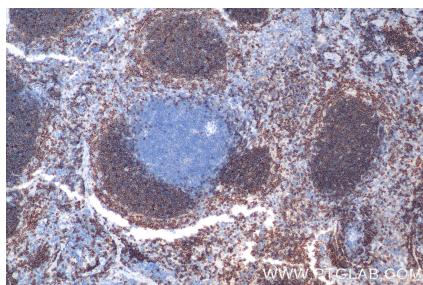
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## Selected Validation Data



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.



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.