

For Research Use Only

CD37 Recombinant antibody

Catalog Number: 85917-1-RR



Basic Information

Catalog Number:	85917-1-RR	GenBank Accession Number:	NM_007645.4	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	12493	CloneNo.:	250262A3
Source:	Rabbit	UNIPROT ID:	Q61470	Recommended Dilutions:	WB: 1:1000-1:6000 IHC: 1:250-1:1000 IF/ICC: 1:250-1:1000
Isotype:	IgG	Full Name:	CD37 antigen		
Immunogen Catalog Number:	EG2729	Calculated MW:	32 kDa		
		Observed MW:	45 kDa		

Applications

Tested Applications:	WB, IF/ICC, ELISA	Positive Controls:	
Species Specificity:	mouse, rat	WB :	mouse spleen tissue, rat spleen tissue, A20 cells
		IHC :	mouse spleen tissue,
		IF/ICC :	A20 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			

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

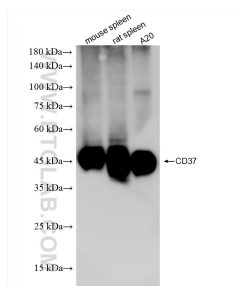
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

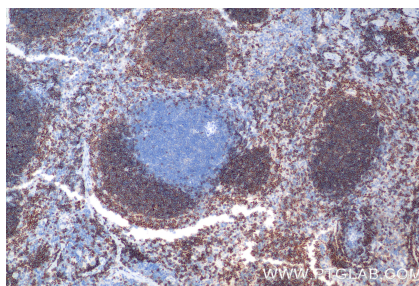
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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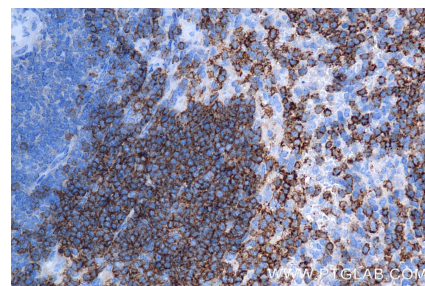
Selected Validation Data



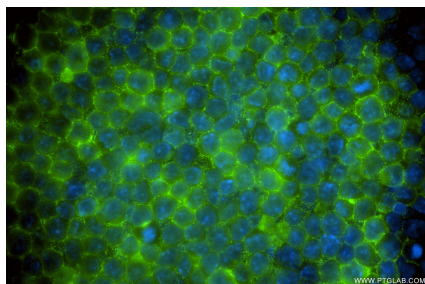
Various lysates were subjected to SDS PAGE followed by western blot with 85917-1-RR (Cd37 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).



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).



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).