

For Research Use Only

CD37 Polyclonal antibody

Catalog Number: 21044-1-AP **2 Publications**



Basic Information

Catalog Number: 21044-1-AP	GenBank Accession Number: BC110379	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 240 ug/ml by Nanodrop and 167 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 951	Recommended Dilutions: WB 1:500-1:1000 IHC 1:1000-1:4000
Source: Rabbit	UNIPROT ID: P11049	
Isotype: IgG	Full Name: CD37 molecule	
Immunogen Catalog Number: AG15384	Calculated MW: 281 aa, 32 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : Daudi cells, IHC : human tonsillitis tissue,
Cited Applications: IHC, IF	
Species Specificity: human	
Cited Species: human, mouse	
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).

Notable Publications

Author	Pubmed ID	Journal	Application
Xuejun Yan	34755091	iScience	IHC,IF
Danique Giesen	35428777	Sci Rep	IHC

Storage

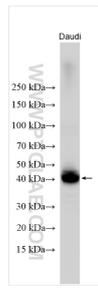
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

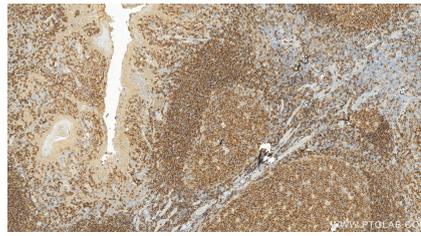
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

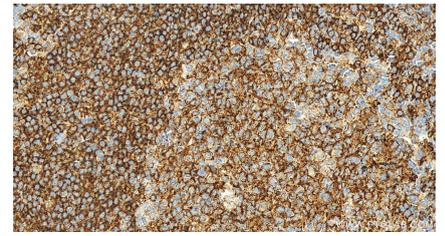
Selected Validation Data



Daudi cells were subjected to SDS PAGE followed by western blot with 21044-1-AP (CD37 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 21044-1-AP (CD37 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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