

For Research Use Only

CD37 Polyclonal antibody

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



Basic Information

Catalog Number: 21044-1-AP	GenBank Accession Number: BC110379	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 951	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: CD37 molecule	
Isotype: IgG	Calculated MW: 281 aa, 32 kDa	
Immunogen Catalog Number: AG15384	Observed MW: 40-52 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : rat spleen tissue, HeLa cells, human spleen tissue IHC : human tonsillitis tissue, human spleen tissue
Cited Applications: IF, IHC	
Species Specificity: human, mouse, rat	
Cited Species: human	
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

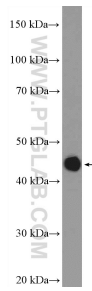
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

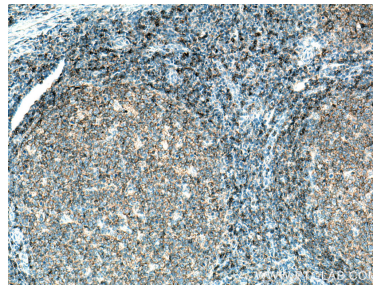
For technical support and original validation data for this product please contact:
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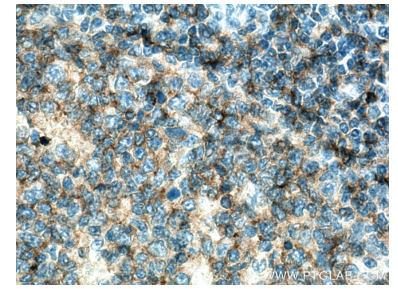
Selected Validation Data



rat spleen tissue were subjected to SDS PAGE followed by western blot with 21044-1-AP (CD37 Antibody) at dilution of 1:300 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 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 21044-1-AP (CD37 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).