

For Research Use Only

CD5 Monoclonal antibody, PBS Only

Catalog Number: 67278-1-PBS



Basic Information

Catalog Number: 67278-1-PBS	GenBank Accession Number: BC027901	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 921	CloneNo.: 4D12C10
Source: Mouse	ENSEMBL Gene ID: ENSG00000110448	
Isotype: IgG2b	UNIPROT ID: P06127	
Immunogen Catalog Number: AG11065	Full Name: CD5 molecule	
	Calculated MW: 495 aa, 55 kDa	

Applications

Tested Applications:
Indirect ELISA, IHC, IF

Species Specificity:
Human

Background Information

CD5 is a type I transmembrane glycoprotein of the scavenger receptor cysteine-rich family (PMID: 12403363). CD5 is expressed on a majority of thymocytes, mature T cells, B cell subsets, and peripheral blood dendritic cells (PMID: 9858516; 6156984; 10379049; 1384337). CD5 may act as a receptor in regulating T-cell proliferation. It functions as a negative regulator of TCR signaling during thymocyte development (PMID: 7542801).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

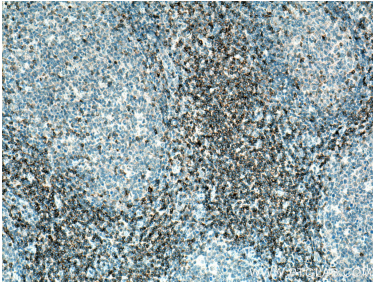
T: 4006900926

E: Proteintech-CN@ptglab.com

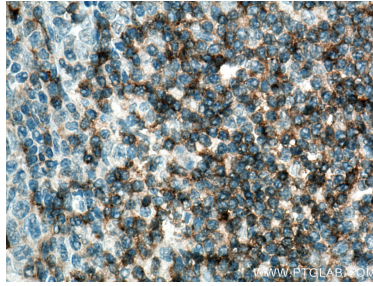
W: ptgcn.com

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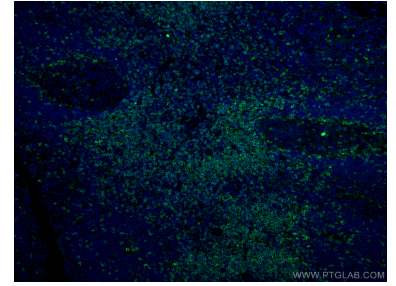
Selected Validation Data



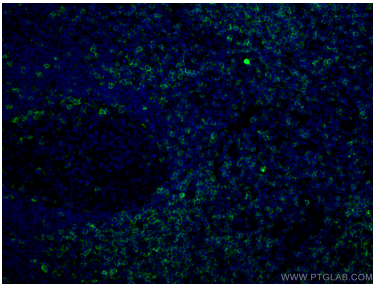
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67278-1-Ig (CD5 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67278-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67278-1-Ig (CD5 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67278-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD5 antibody (67278-1-Ig, Clone: 4D12C10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67278-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD5 antibody (67278-1-Ig, Clone: 4D12C10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67278-1-PBS in a different storage buffer formulation.