

For Research Use Only

CD4 Monoclonal antibody, PBS Only

Catalog Number: 67786-1-PBS



Basic Information

Catalog Number: 67786-1-PBS	GenBank Accession Number: BC025782	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 920	CloneNo.: 2H4A2
Source: Mouse	ENSEMBL Gene ID: ENSG00000010610	
Isotype: IgG1	UNIPROT ID: P01730	
Immunogen Catalog Number: AG30870	Full Name: CD4 molecule	
	Calculated MW: 55 kDa	

Applications

Tested Applications:
Indirect ELISA, IHC, IF

Species Specificity:
Human

Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

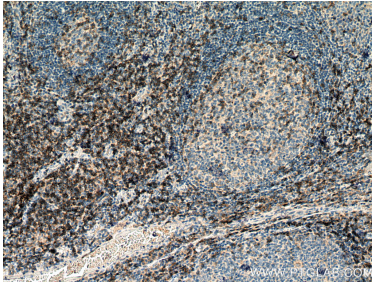
T: 4006900926

E: Proteintech-CN@ptglab.com

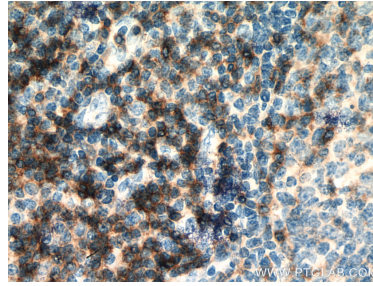
W: ptgcn.com

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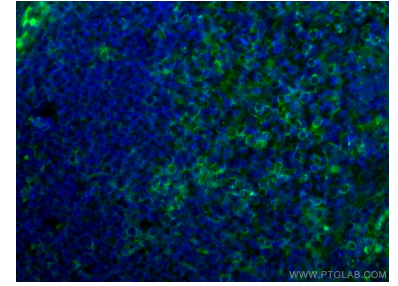
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67786-1-Ig (CD4 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67786-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67786-1-Ig (CD4 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67786-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD4 antibody (67786-1-Ig, Clone: 2H4A2) 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 67786-1-PBS in a different storage buffer formulation.