

For Research Use Only

CD4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 83513-10-PBS



Basic Information

Catalog Number: 83513-10-PBS	GenBank Accession Number: BC025782	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 920	CloneNo.: 240427E5
Source: Rabbit	ENSEMBL Gene ID: ENSG00000010610	
Isotype: IgG	UNIPROT ID: P01730	
Immunogen Catalog Number: EG0333	Full Name: CD4 molecule	
	Calculated MW: 55 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

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, pH7.3

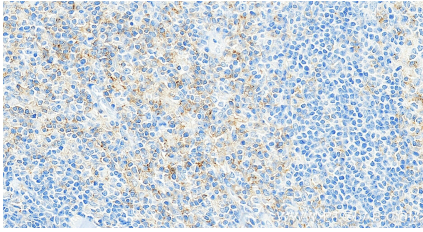
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 83513-10-RR (CD4 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83513-10-PBS in a different storage buffer formulation.