For Research Use Only

CD4 Polyclonal antibody Catalog Number: 32406-1-AP



Basic Information	Catalog Number: 32406-1-AP	GenBank Accession Number: NM_012705.1	Purification Method: Antigen affinity Purification	
	Concentration: 500 ug/ml Source: Rabbit Isotype: IgG Immunogen Catalog Number: EG2025	GenelD (NCBI): 24932	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500	
		UNIPROT ID: P05540		
		Full Name: Cd4 molecule		
		Calculated MW: 51kDa		
		Observed MW: 51-55 kDa		
Applications	Tested Applications:	Positive Controls:		
	Species Specificity: rat	WB : rat splee IHC : rat thyn	WB : rat spleen tissue, rat thymus tissue IHC : rat thymus tissue,	
	Note-IHC: suggested antigen TE buffer pH 9.0; (*) Alternati retrieval may be performed v buffer pH 6.0	retrieval with ively, antigen vith citrate		
Background Information	CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells. 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. CD4 serves as a receptor for the human immunodeficiency virus (HIV).			
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			

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptg W: ptgcn.com

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Selected Validation Data





Various lysates were subjected to SDS PAGE followed by western blot with 32406-1-AP (CD4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffinembedded rat thymus tissue slide using 32406-1-AP (CD4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).