For Research Use Only

LAG-3/CD223 Recombinant antibody

Catalog Number:80867-1-RR 2 Publications



Basic Information	Catalog Number: 80867-1-RR	GenBank Accession Number: NM_002286		Purification Method: Protein A purification		
	Size: Genel D (NCBI): 800 ug/ml 3902		CloneNo.: 1F14			
	Source: Rabbit	UNIPROT ID P18627):	Recommended Dilutions: WB 1:1000-1:8000		
	Isotype: IgG					
	Calculated MW: 57 kDa					
		Observed M 60 kDa	IW:			
Applications	Tested Applications:		Positive Controls:			
	WB : CTLL-2 cells, Cited Applications: WB, IF Species Specificity: human, mouse					
						Cited Species: human, mouse
	Background Information	LAG-3, also known as CD223, is an immune checkpoint molecule that regulates both T-cell activation and homeostasis. LAG-3 is expressed on activated T cells, NK cells, regulatory T cells, and plasmacytoid dendritic cells. I is a CD4-related molecule that binds MHC class II. LAG-3 plays an important role in modulating T cell expansion and function, and blockade of LAG-3 with monoclonal antibodies can augment T cell function. (PMID: 15634887; 21086108; 28783703)				
Notable Publications	Author	Pubmed ID	Journal	Applica	tion	
	Youwei Lu	38849009	Cancer Lett	IF		
	Yongdong Yi	37290894	Cancer Sci	WB		
Storage	Storage: Store at -20°C. Stable for on Storage Buffer: PBS with 0.02% sodium azi Aliquoting is unnecessary fo	e year after shipment. de and 50% glycerol pl or -20 [°] C storage	H 7.3.			

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

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

Selected Validation Data

250 kDa

150 kDa-

100 kDa 70 kDa

50 kDa-

40 kDa-

30 kDa-



CTLL-2 cells were subjected to SDS PAGE followed by western blot with 80867-1-RR (LAG-3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. Biolayer interferometry (BLI) kinetic assays of 80867-1-RR against Human LAG-3/CD223 were performed. The affinity constant is 8.47 nM.