

For Research Use Only

LAG-3/CD223 Recombinant antibody

Catalog Number: 80855-7-RR



Basic Information

Catalog Number: 80855-7-RR	GenBank Accession Number: NM_002286	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3902	CloneNo.: 243086D9
Source: Rabbit	UNIPROT ID: P18627	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: lymphocyte-activation gene 3	
Immunogen Catalog Number: EG31550	Calculated MW: 57 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HuT 78 cells, Jurkat cells
Species Specificity: human	

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. It 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)

Storage

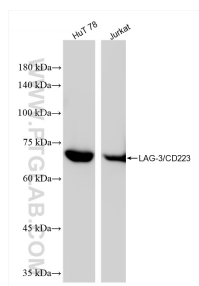
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80855-7-RR (LAG3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.