

For Research Use Only

LAG-3/CD223 Recombinant antibody, PBS Only

Catalog Number: 80855-7-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

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

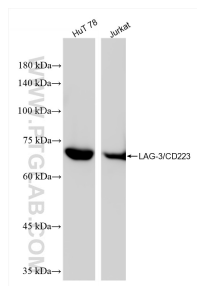
Storage:
Store at -80°C.

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)
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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. This data was developed using the same antibody clone with 80855-7-PBS in a different storage buffer formulation.