

For Research Use Only

# LAG-3/CD223 Recombinant antibody, PBS Only

Catalog Number:80855-7-PBS



## Basic Information

<b>Catalog Number:</b> 80855-7-PBS	<b>GenBank Accession Number:</b> NM_002286	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 3902	<b>CloneNo.:</b> 243086D9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P18627	
<b>Isotype:</b> IgG	<b>Full Name:</b> lymphocyte-activation gene 3	
<b>Immunogen Catalog Number:</b> EG31550	<b>Calculated MW:</b> 57 kDa	
	<b>Observed MW:</b> 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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

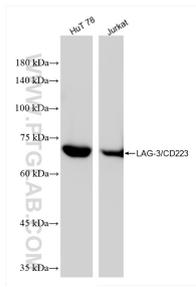
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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.