

For Research Use Only

# LAG-3 Recombinant antibody

Catalog Number: 80867-1-RR **1 Publications**



## Basic Information

<b>Catalog Number:</b> 80867-1-RR	<b>GenBank Accession Number:</b> NM_002286	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3902	<b>CloneNo.:</b> 1F14
<b>Source:</b> Rabbit	<b>Full Name:</b> Lymphocyte-activation gene 3	<b>Recommended Dilutions:</b> WB 1:1000-1:8000
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 57 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : CTLL-2 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human, Mouse	
<b>Cited Species:</b> 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)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yongdong Yi	37290894	Cancer Sci	WB

## Storage

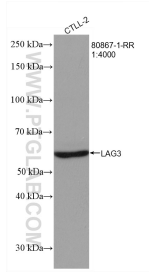
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

**\*\*\* 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)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



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.