

For Research Use Only

# LAG-3 Recombinant antibody, PBS Only



Catalog Number: 80867-1-PBS

## Basic Information

Catalog Number:

80867-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_002286

GeneID (NCBI):

3902

UNIPROT ID:

P18627

Full Name:

Lymphocyte-activation gene 3

Calculated MW:

57 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

1F14

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

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. 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

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

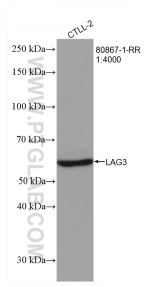
T: 4006900926

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

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

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## Selected Validation Data



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. This data was developed using the same antibody clone with 80867-1-PBS in a different storage buffer formulation.