

For Research Use Only

# LAG-3/CD223 Polyclonal antibody

Catalog Number: 31722-1-AP



## Basic Information

Catalog Number:

31722-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_008479.2

GeneID (NCBI):

16768

UNIPROT ID:

Q61790

Full Name:

lymphocyte-activation gene 3

Calculated MW:

57kDa

Observed MW:

65-75 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : Con A treated mouse splenocytes,

## 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

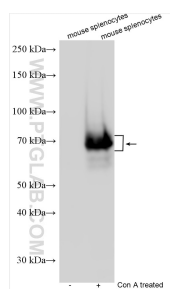
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Untreated or Con A treated mouse splenocytes were subjected to SDS PAGE followed by western blot with 31722-1-AP (LAG-3/CD223 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.