

For Research Use Only

# PE Anti-Mouse LAG-3/CD223 (C9B7W)



Catalog Number: PE-65098

## Basic Information

<b>Catalog Number:</b> PE-65098	<b>GenBank Accession Number:</b> BC120591	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 200 ug/ml	<b>GeneID (NCBI):</b> 16768	<b>CloneNo.:</b> C9B7W
<b>Source:</b> Rat	<b>UNIPROT ID:</b> Q61790	<b>Excitation/Emission maxima wavelengths:</b> 496 nm, 565 nm / 578 nm
<b>Isotype:</b> IgG1, kappa	<b>Full Name:</b> lymphocyte-activation gene 3	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
mouse

## Background Information

Lymphocyte activation gene 3 protein (LAG-3), also known as CD223, is a type I transmembrane protein belonging to the immunoglobulin superfamily (PMID: 1692078). It is a CD4-related molecule that binds MHC class II with high affinity (PMID: 1692078; 9159144). LAG-3 is expressed on activated T and NK cells. Besides, natural CD4(+)CD25(+) Tregs express LAG-3 upon activation (PMID: 15485628). LAG-3 negatively regulates T-cell function and homeostasis, and contributes to the suppressor activity of Tregs (PMID: 14644131; 15485628).

## Storage

**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.1% sodium azide and 0.5% BSA.

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

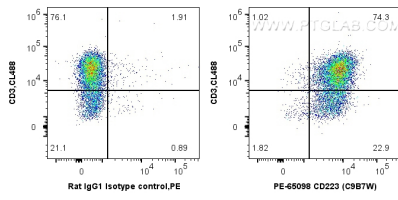
T: 4006900926

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

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

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## Selected Validation Data



1X10<sup>6</sup> anti-CD3/CD28 stimulated (3 days) mouse splenocytes were surface co-stained with CoraLite® Plus 488 Anti-Mouse CD3 and 0.2 ug PE Anti-Mouse CD223 (PE-65098, Clone: C9B7W) or 0.2 ug PE Mouse IgG1 Isotype Control. Cells were not fixed.