

For Research Use Only

APC Anti-Mouse LAG-3/CD223 (C9B7W)



Catalog Number: APC-65098

Basic Information

Catalog Number: APC-65098	GenBank Accession Number: BC120591	Purification Method: Affinity purification
Size: 100ug, 0.2 mg/ml	GeneID (NCBI): 16768	CloneNo.: C9B7W
Source: Rat	UNIPROT ID: Q61790	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG1, kappa	Full Name: 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:

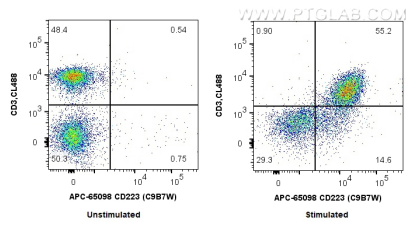
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Selected Validation Data



1X10⁶ unstimulated or anti-CD3/CD28 stimulated mouse splenocytes were surface co-stained with CoraLite® Plus 488 Anti-Mouse CD3 (17A2) (CL488-65077, Clone: 17A2) and 0.25 ug APC Anti-Mouse CD223 (APC-65098, Clone: C9B7W). Cells were not fixed.