

For Research Use Only

FITC Plus Anti-Mouse CD223 (C9B7W)



Catalog Number: FITC-65098

Basic Information

| | | |
|--------------------------------------|---|---|
| Catalog Number: FITC-65098 | GenBank Accession Number: BC120591 | Purification Method: Affinity purification |
| Size: 100ug, 500 µg/ml | GeneID (NCBI): 16768 | CloneNo.: C9B7W |
| Source: Rat | Full Name: Lymphocyte-activation gene 3 | Excitation/Emission maxima wavelengths: 495 nm / 524 nm |
| Isotype: IgG1, kappa | | |

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 0.09% sodium azide.

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

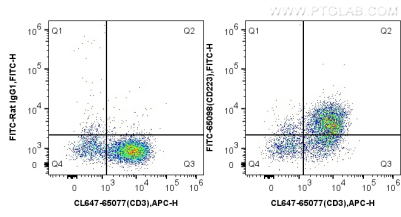
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ Con-A stimulated BALB/c mouse splenocytes were surface stained with Coralite® Plus 647 Anti-Mouse CD3 (CL647-65077, Clone: 17A2) and 1 ug FITC Plus Anti-Mouse CD223 (FITC-65098, Clone: C9B7W) or 1 ug FITC Plus Rat IgG1 isotype control. Cells were not fixed.