

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD223 (C9B7W)



Catalog Number: CL488-65098

Basic Information

Catalog Number: CL488-65098	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: 493 nm / 522 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

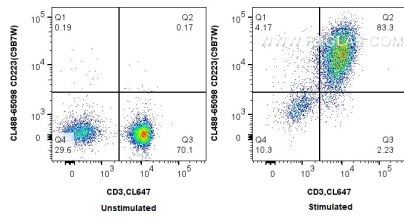
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10⁶ unstimulated or anti-CD3/CD28 stimulated (2 days) BALB/C mouse splenocytes were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Mouse CD3 (17A2) (CL647-65077, Clone: 17A2) and 0.5 ug CoraLite® Plus 488 Anti-Mouse CD223 (CL488-65098, Clone: C9B7W). Cells were not fixed.