

For Research Use Only

FITC Plus Anti-Human LAG-3/CD223 Rabbit Recombinant Antibody

Catalog Number: FITC-98435-3



Basic Information

Catalog Number:

FITC-98435-3

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG31550

GenBank Accession Number:

NM_002286

GeneID (NCBI):

3902

UNIPROT ID:

P18627

Full Name:

Lymphocyte-activation gene 3

Calculated MW:

57 kDa

Purification Method:

Protein A purification

CloneNo.:

243086H8

Recommended Dilutions:

FC: 5 ul per 10^6 cells in a 100 μ l suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : anti-CD3/CD28 and IL-2 treated human PBMCs,

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

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

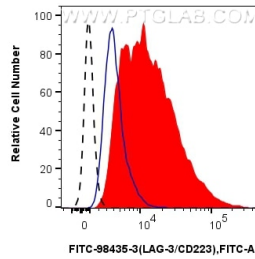
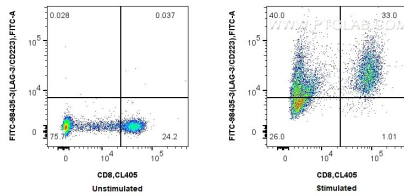
For technical support and original validation data for this product please contact:

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



1×10^6 untreated or anti-CD3/CD28 and IL-2 treated human PBMCs were surface stained with CoraLite® Plus 405 Anti-Human CD8 and 5 μ l FITC Plus Anti-Human LAG-3/CD223 Rabbit RecAb (FITC-98435-3, Clone: 243086H8). Cells were not fixed.

1×10^6 anti-CD3/CD28 and IL-2 treated human PBMCs were surface stained with 5 μ l FITC Plus Anti-Human LAG-3/CD223 Rabbit RecAb (FITC-98435-3, Clone: 243086H8) (red) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). 1×10^6 untreated human PBMCs were surface stained with 5 μ l FITC Plus Anti-Human LAG-3/CD223 Rabbit RecAb (FITC-98435-3, Clone: 243086H8) (black, dashed). Cells were not fixed.