

For Research Use Only

FcZero-rAb® Biotin Anti-Human TIM3 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98115



Basic Information

Catalog Number:

Biotin-FcA98115

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC020843

GeneID (NCBI):

84868

UNIPROT ID:

Q8TDQ0

Full Name:

hepatitis A virus cellular receptor 2

Calculated MW:

301 aa, 33 kDa

Purification Method:

Protein A purification

CloneNo.:

241422H1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

-

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : Con A treated human PBMCs,

Background Information

TIM3, also known as HAVCR2, is a member of the recently discovered T cell Ig and mucin domain-containing molecule superfamily. TIM3 is a negative regulatory molecule that is important for T cell tolerance and has a crucial role in autoimmunity and T cell exhaustion during chronic viral infection (PMID: 23180819). TIM3 is expressed by T-helper type 1 (Th1) cells, macrophage, monocyte, dendritic cells, CD8+ T cell and other lymphocyte subsets. Galectin-9 is a ligand for TIM3. TIM3-galectin-9 pathway negatively regulates T helper type 1 immunity (PMID: 16286920).

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, pH7.3

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

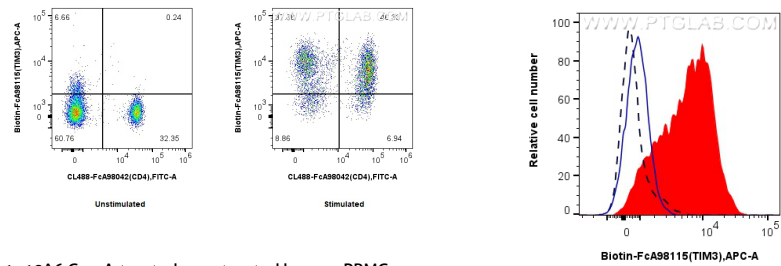
T: 4006900926

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 treated or untreated human PBMCs were surface stained with 0.25 ug Biotin Anti-Human TIM3 Rabbit RecAb (Biotin-FcA98115, Clone: 241422H1) and Streptavidin-CoraLite® Plus 647 Conjugate (CL647-PF00030). Cells were then stained with FcZero-rAb® CoraLite® Plus 488 Anti-Human CD4 Rabbit Recombinant Antibody (CL488-FcA98042, Clone: 240427E12). Cells were not fixed.

1x10⁶ Con A treated human PBMCs were surface stained with 0.25 ug Biotin Anti-Human TIM3 Rabbit RecAb (Biotin-FcA98115, Clone: 241422H1) (red) or 0.25 ug FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-CoraLite® Plus 647 Conjugate (CL647-PF00030). 1x10⁶ untreated human PBMCs were surface stained with 0.25 ug Biotin Anti-Human TIM3 Rabbit RecAb (Biotin-

