

For Research Use Only

FcZero-rAb™ PE Anti-Human TIM3 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98115



Basic Information

Catalog Number: PE-FcA98115	GenBank Accession Number: BC020843	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 84868	CloneNo.: 241422H1
Source: Rabbit	Full Name: hepatitis A virus cellular receptor 2	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Calculated MW: 301 aa, 33 kDa	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm

Applications

Tested Applications: FC	Positive Controls: FC : Anti-CD3/CD28 treated human PBMCs,
Species Specificity: human	

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 and 0.5% BSA, pH7.3

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

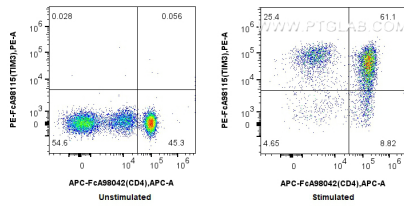
T: 4006900926

E: Proteintech-CN@ptglab.com

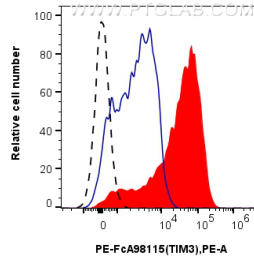
W: ptgcn.com

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

Selected Validation Data



1x10⁶ untreated or anti-CD3/CD28 treated human PBMCs were surface stained with APC Anti-Human CD4 and 5 ul PE Anti-Human TIM3 Rabbit RecAb (PE-FcA98115, Clone: 241422H1). Cells were not fixed.



1x10⁶ anti-CD3/CD28 treated human PBMCs were surface stained with 5 ul PE Anti-Human TIM3 Rabbit RecAb (PE-FcA98115, Clone: 241422H1) (red) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9) (blue). 1x10⁶ untreated human PBMCs were surface stained with 5 ul PE Anti-Human TIM3 Rabbit RecAb (PE-FcA98115, Clone: 241422H1) (dashed, black). Cells were not fixed.