

For Research Use Only

FcZero-rAb® Biotin Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98112



Basic Information

Catalog Number:

Biotin-FcA98112

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC006196

GeneID (NCBI):

3604

UNIPROT ID:

Q07011

Full Name:

tumor necrosis factor receptor superfamily, member 9

Calculated MW:

28 kDa

Purification Method:

Protein A purification

CloneNo.:

241344F3

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

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Applications

Tested Applications:

FC, ELISA

Species Specificity:

human

Positive Controls:

FC : Con A treated human PBMCs,

Background Information

CD137, also known as TNFRSF9 or 4-1BB, is an inducible T cell surface receptor that belongs to the tumor necrosis factor receptor superfamily. CD137 is a transmembrane protein expressed on the surface of activated T-cells. In addition, activation-dependent expression of CD137 has also been found in B lymphocytes, monocytes, and diverse nonlymphoid cell types. CD137 provides a co-stimulatory signal that enhances the survival, and differentiation of cells, and has a crucial role in the development of CD8 cytotoxic T cells and anti-tumor immunity. (PMID: 9826581; 23696891)

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:

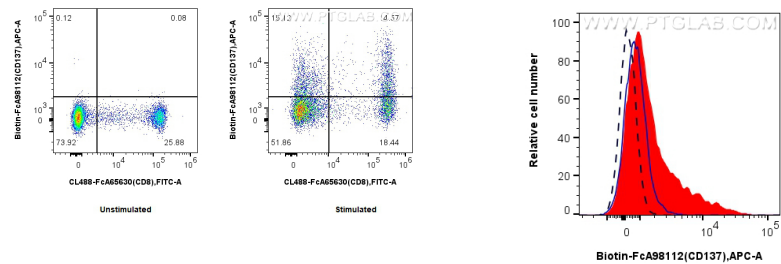
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or Con A treated human PBMCs were surface stained with 0.25 ug Biotin Anti-Human TNFRSF9/CD137 Rabbit RecAb (Biotin-FcA98112, Clone: 241344F3) and Streptavidin-CoraLite® Plus 647 Conjugate (CL647-PF00030). Cells were then stained with FcZero-rAb® CoraLite® Plus 488 Anti-Human CD8 (SK1) Rabbit Recombinant Antibody (CL488-FcA65630, Clone: SK1). Cells were not fixed.

1x10⁶ Con A treated human PBMCs were surface stained with 0.25 ug Biotin Anti-Human TNFRSF9/CD137 Rabbit RecAb (Biotin-FcA98112, Clone: 241344F3) (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

