

For Research Use Only

PE Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody

Catalog Number: PE-98112



Basic Information

Catalog Number:

PE-98112

Size:

100 tests, 5 µl/test

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

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

human

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.

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

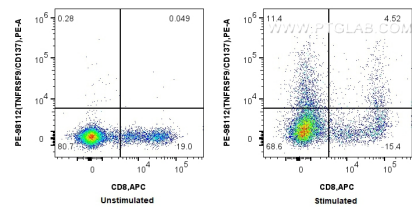
T: 4006900926

E: Proteintech-CN@ptglab.com

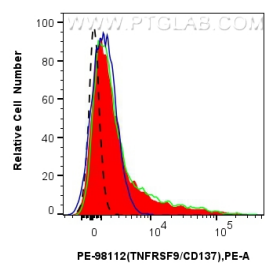
W: ptgcn.com

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Selected Validation Data



1x10⁶ untreated or Con-A treated human PBMCs were surface stained with APC Anti-Human CD8 and 5 ul PE Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody (PE-98112, Clone:241344F3). Cells were not fixed.



1x10⁶ Con-A treated human PBMCs were surface stained with 5 ul PE Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody (PE-98112, Clone:241344F3) (red) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9)(blue), or 1x10⁶ untreated human PBMCs were surface stained with 5 ul PE Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody (PE-98112, Clone:241344F3) (black, dashed). Cells were not fixed.