

For Research Use Only

Anti-Mouse TNFRSF9/CD137 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98182-1-PBS



Basic Information

Catalog Number:

98182-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001077509.1

GeneID (NCBI):

21942

UNIPROT ID:

P20334

Full Name:

tumor necrosis factor receptor
superfamily, member 9

Calculated MW:

28 kDa

Purification Method:

Protein A purification

CloneNo.:

241647E11

Applications

Tested Applications:

FC

Species Specificity:

mouse

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

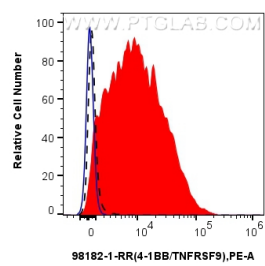
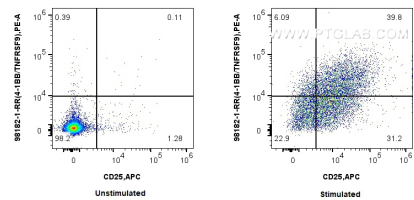
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or Con A treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse TNFRSF9/CD137 Rabbit Recombinant Antibody (98182-1-RR, Clone: 241647E11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Mouse CD25 (PC61.5) (APC-65137, Clone: PC61.5). Cells were not fixed. This data was developed using the same antibody clone with 98182-1-PBS in a different storage buffer formulation.

1x10⁶ Con A treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse TNFRSF9/CD137 Rabbit Recombinant Antibody (98182-1-RR, Clone: 241647E11) (red) or Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse TNFRSF9/CD137 Rabbit Recombinant Antibody (98182-1-RR, Clone: 241647E11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L).