

For Research Use Only

FITC Plus Anti-Mouse TNFRSF9/CD137 Rabbit Recombinant Antibody

Catalog Number: FITC-98182



Basic Information

Catalog Number:

FITC-98182

Concentration:

100ug, 500 ug/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

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Con A treated mouse splenocytes,

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, pH7.3

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

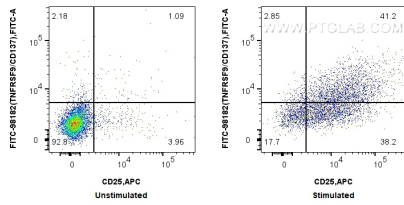
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or Con A treated mouse splenocytes were surface stained with APC Anti-Mouse CD25/IL-2RA and 0.25 ug FITC Plus Anti-Mouse TNFRSF9/CD137 Rabbit RecAb (FITC-98182, Clone: 241647E11). Cells were not fixed.