

For Research Use Only

# FITC Plus Anti-Human TNFRSF9/CD137 Rabbit Recombinant Antibody

Catalog Number: FITC-98112



## Basic Information

Catalog Number:

FITC-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

Recommended Dilutions:

FC: 5 µl per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

495 nm / 524 nm

## Applications

Tested Applications:

FC

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, pH7.3

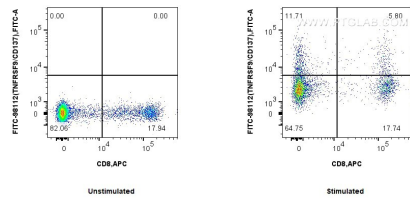
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> untreated or Con-A treated human PBMCs were surface stained with APC Anti-Human CD8 (UCHT4) Mouse IgG2a Recombinant Antibody (APC-65559, Clone: UCHT4) and 5 ul FITC Plus Anti-Human TNFRSF9/CD137 Rabbit RecAb (FITC-98112, Clone: 241344F3). Cells were not fixed.