

For Research Use Only



FcZero-rAb® Biotin Anti-Mouse CD134/OX40 (OX-86) Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA65657

Basic Information

Catalog Number:

Biotin-FcA65657

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC065782

GeneID (NCBI):

22163

UNIPROT ID:

P47741

Full Name:

tumor necrosis factor receptor superfamily, member 4

Purification Method:

Protein A purification

CloneNo.:

OX-86

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

-

Applications

Tested Applications:

FC, ELISA

Species Specificity:

mouse

Positive Controls:

FC : Anti-CD3/CD28 treated mouse splenocytes,

Background Information

CD134, also known as OX40 and TNFRSF4, is a member of the TNFR-superfamily of receptors (PMID: 2828930; 9766631). It is a type I transmembrane protein predominantly expressed on activated T cells which include CD4 and CD8 T cells, Th2, Th1, and Th17 cells, as well as regulatory T cells (Tregs) (PMID: 20307208). CD134 is activated by its cognate ligand CD134L (OX40L) and functions as a T cell co-stimulatory molecule (PMID: 26215166). CD134-CD134L interactions have been proposed as a potential therapeutic target for treating autoimmune diseases, cancer and infectious disease (PMID: 26215166; 19426222).

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:

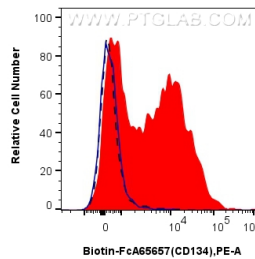
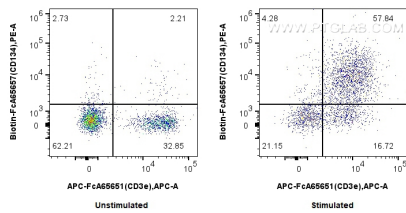
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD134 (OX-86) Rabbit IgG RecAb (Biotin-FcA65657, Clone: OX-86) and PE Streptavidin (Cat.No. PF00021). Cells were then stained with FcZero-rAb™ APC Anti-Mouse CD3e (145-2C11) Rabbit IgG Recombinant Antibody (APC-FcA65651, Clone: 145-2C11). Cells were not fixed.

1x10⁶ anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD134 (OX-86) Rabbit IgG RecAb (Biotin-FcA65657, Clone: OX-86) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and PE Streptavidin (Cat.No. PF00021). 1x10⁶ untreated mouse splenocytes surface stained with 0.25 ug Biotin Anti-Mouse CD134 (OX-86) Rabbit IgG RecAb (Biotin-FcA65657, Clone:

