

For Research Use Only

Anti-Mouse CD134/OX40 Rabbit Recombinant Antibody

Catalog Number: 98409-2-RR



Basic Information

Catalog Number:

98409-2-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2936

GenBank Accession Number:

NM_011659.2

GeneID (NCBI):

22163

UNIPROT ID:

P47741

Full Name:

tumor necrosis factor receptor
superfamily, member 4

Calculated MW:

30 kDa

Purification Method:

Protein A purification

CloneNo.:

242901A7

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in 100 µl
suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : CD3/CD28 treated BALB/c 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. 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:

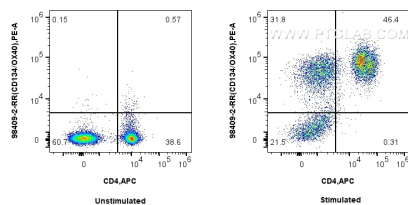
T: 4006900926

E: Proteintech-CN@ptglab.com

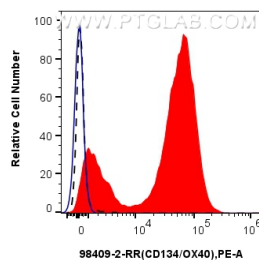
W: ptgcn.com

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Selected Validation Data



1x10⁶ Untreated or CD3/CD28 treated BALB/c mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD134/OX40 Rabbit RecAb (98409-2-RR, Clone:242901A7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Mouse CD4 (GK1.5) (APC-65104, Clone: GK1.5). Cells were not fixed.



1x10⁶ CD3/CD28 treated BALB/c mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD134/OX40 Rabbit RecAb (98409-2-RR, Clone:242901A7) (red) and PE-Conjugated Goat Anti-Rabbit IgG(H+L), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). 1x10⁶ untreated BALB/c mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD134/OX40 Rabbit RecAb (98409-2-RR, Clone:242901A7) (black, dashed) and PE-