

For Research Use Only

# Anti-Mouse CD134 (OX-86)

Catalog Number: 65136-1-Ig



## Basic Information

|                                      |  |  |
|--------------------------------------|--|--|
| <b>Catalog Number:</b><br>65136-1-Ig | <b>GenBank Accession Number:</b><br>BC065782                                 | <b>Purification Method:</b><br>Affinity purification |
| <b>Size:</b><br>100ug , 500 µg/ml    | <b>GeneID (NCBI):</b><br>22163   | <b>CloneNo.:</b><br>OX-86                            |
| <b>Source:</b><br>Rat                | <b>Full Name:</b><br>tumor necrosis factor receptor<br>superfamily, member 4 |  |
| <b>Isotype:</b><br>IgG1, kappa       |  |  |

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Mouse

## 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

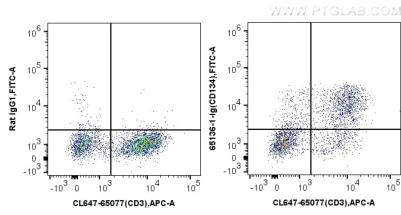
**Storage:**  
Store at 2-8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



$1 \times 10^6$  Con-A stimulated BALB/c mouse splenocytes were surface stained with CoraLite® Plus 647 Anti-Mouse CD3 (CL647-65077, Clone: 17A2), 1  $\mu$ g Anti-Mouse CD134 (65136-1-Ig, Clone: OX-86) or rat IgG1 isotype control, and FITC anti-rat IgG1 Antibody at dilution 1:100. Cells were not fixed.