

For Research Use Only

# CoraLite® Plus 647 Anti-Mouse CD134 (OX-86)

Catalog Number: CL647-65136



## Basic Information

Catalog Number:

CL647-65136

Size:

100ug , 500 µg/ml

Source:

Rat

Isotype:

IgG1, kappa

GenBank Accession Number:

BC065782

GeneID (NCBI):

22163

Full Name:

tumor necrosis factor receptor  
superfamily, member 4

Purification Method:

Affinity purification

CloneNo.:

OX-86

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

## 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

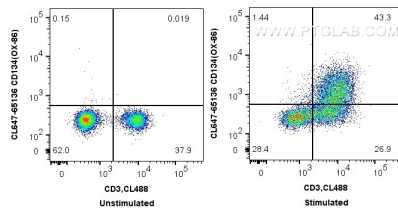
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> unstimulated or Con A-stimulated (3 ug/ml, 2 days) BALB/c mouse splenocytes were surface stained with CoraLite®488 Anti-Mouse CD3 (CL488-65077, Clone: 17A2) and 0.25 ug CoraLite® Plus 647 Anti-Mouse CD134 (CL647-65136, Clone: OX-86). Cells were not fixed.