

For Research Use Only

# FcZero-rAb™ PE Anti-Human CD134/OX40 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98181



## Basic Information

<b>Catalog Number:</b> PE-FcA98181	<b>GenBank Accession Number:</b> NM_003327	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 100 tests, 5 µl/test	<b>GeneID (NCBI):</b> 7293	<b>CloneNo.:</b> 241398G7
<b>Source:</b> Rabbit	<b>Full Name:</b> tumor necrosis factor receptor superfamily, member 4	<b>Recommended Dilutions:</b> FC: 5 µl per 10 <sup>6</sup> cells in 100 µl suspension
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 29 kDa	<b>Excitation/Emission maxima wavelengths:</b> 496 nm, 565 nm / 578 nm
<b>Immunogen Catalog Number:</b> EG1261		

## Applications

<b>Tested Applications:</b> FC	<b>Positive Controls:</b> FC : PHA treated human PBMCs,
<b>Species Specificity:</b> human	

## 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 and 0.5% BSA, pH7.3

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

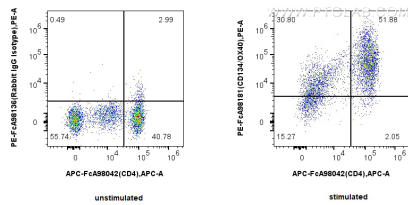
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## Selected Validation Data



1x10<sup>6</sup> untreated or PHA-treated human PBMCs were surface stained with FcZero-rAb™ APC Anti-Human CD4 and 5 ul PE Anti-Human CD134/OX40 Rabbit RecAb (PE-FcA98181, Clone: 241398G7). Cells were not fixed.