

# PE Rabbit anti-Human CD134/OX40 mAb

Catalog No.: A28036

## Basic Information

### Observed MW

### Calculated MW

29kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC75544

### Conjugate

PE. Ex:565nm. Em:574nm.

## Background

CD134, also known as OX40 and TNFRSF4, is a 50 kDa type I transmembrane glycoprotein. It is a member of the tumor necrosis factor receptor superfamily (TNFRSF). OX40 is expressed on activated T lymphocytes, including Th1, Th2, Th17, and Treg cell subsets. The interaction between OX40 and its ligand OX40L (TNFSF4) induces B cell proliferation and antibody secretion, and modulates primary T cell expansion and T cell survival. Furthermore, OX40 influences the size of the T cell memory pool and modulates CD4+ T cell tolerance.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

### Gene ID

7293

### Swiss Prot

P43489

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

OX40; ACT35; CD134; IMD16; TXGP1L

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

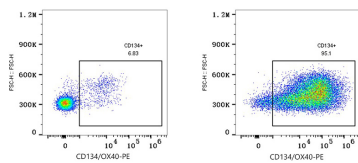
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> Human PBMC (untreated, left) and Human PBMC (treated with 10 µg/ml PHA for 2 days, right) were surface-stained with PE Rabbit anti-Human CD134/OX40 mAb (A28036, 5 µl/test). Cells in the lymphocyte gate were used for analysis.