

For Research Use Only

# CD134/OX40 Polyclonal antibody

Catalog Number: 20006-1-AP

2 Publications



## Basic Information

### Catalog Number:

20006-1-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_003327

### GeneID (NCBI):

7293

### UNIPROT ID:

P43489

### Full Name:

tumor necrosis factor receptor superfamily, member 4

### Calculated MW:

29 kDa

### Observed MW:

50-55 kDa, 40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

## Applications

### Tested Applications:

WB, FC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

WB: MJ cells,

## Background Information

CD134 (OX40) is a member of the TNFR-superfamily of receptors. Predominantly expressed on activated T cells, CD134 is activated by its cognate ligand CD134L (OX40L) and functions as a T cell co-stimulatory molecule. CD134-CD134L interactions have been proposed as a potential therapeutic target for treating autoimmunity (PMID: 26215166). CD134 can interact with TRAF2, TRAF3, and TRAF5.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yongjie Zhou	36148160	Dis Markers	WB
Yun Chen	35935989	Front Immunol	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

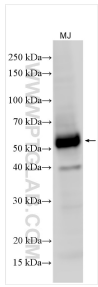
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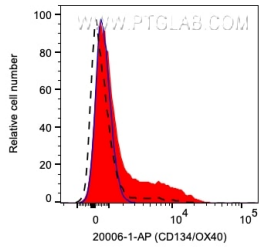
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20006-1-AP (CD134/OX40 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1X10<sup>6</sup> day 3 PHA treated human PBMCs were surface stained with 0.2 ug Anti-Human CD134/OX40 (20006-1-AP) and CoraLite® 750-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or unstained (blue). Unstimulated human PBMCs were surface stained with 0.2ug Anti-Human CD134/OX40 (20006-1-AP) and CoraLite® 750-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (black dashed). Cells were not fixed. Lymphocytes