

For Research Use Only

CD134/OX40 Polyclonal antibody

Catalog Number: 20006-1-AP **2 Publications**



Basic Information

Catalog Number:

20006-1-AP

Size:

900 µg/ml

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:

43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

FC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HepG2 cells, L02 cells, U-937 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

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

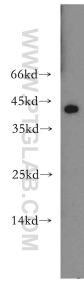
T: 4006900926

E: Proteintech-CN@ptglab.com

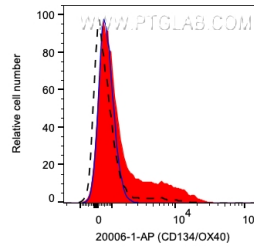
W: ptgcn.com

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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 20006-1-AP (CD134/OX40 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



1×10^6 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