

For Research Use Only

CD134/OX40 Polyclonal antibody

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



Basic Information

Catalog Number: 20006-1-AP	GenBank Accession Number: NM_003327	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7293	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: tumor necrosis factor receptor superfamily, member 4	
Isotype: IgG	Calculated MW: 29 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : HepG2 cells, L02 cells, U-937 cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

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

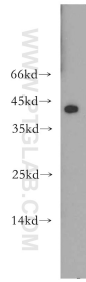
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

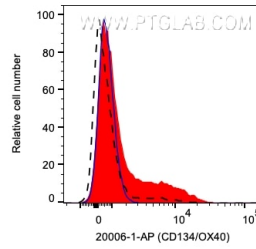
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.



1X10⁶ 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