

For Research Use Only

CD134/OX40 Polyclonal antibody

Catalog Number: 31805-1-AP



Basic Information

Catalog Number:

31805-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

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 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Positive Controls:

WB : MJ cells,

IHC : human tonsillitis tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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.

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

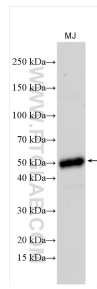
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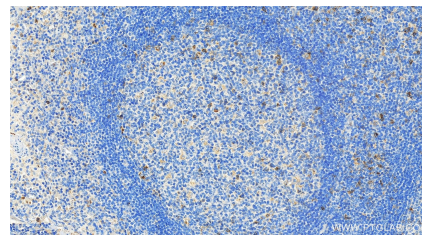
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Selected Validation Data



MJ cells were subjected to SDS PAGE followed by western blot with 31805-1-AP (CD134/OX40 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 31805-1-AP (CD134/OX40 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).