

For Research Use Only

CD134/OX40 Polyclonal antibody

Catalog Number: 32621-1-AP



Basic Information

| | | |
|-------------------------------------|---|--|
| Catalog Number: 32621-1-AP | GenBank Accession Number: NM_011659.2 | Purification Method: Antigen affinity Purification |
| Concentration: 500 µg/ml | GeneID (NCBI): 22163 | Recommended Dilutions: WB: 1:500-1:1000 IHC: 1:200-1:800 |
| Source: Rabbit | UNIPROT ID: P47741 | |
| Isotype: IgG | Full Name: tumor necrosis factor receptor superfamily, member 4 | |
| Immunogen Catalog Number: EG2936 | Calculated MW: 30 kDa Observed MW: 50 kDa | |

Applications

| | |
|--|---|
| Tested Applications: WB, IHC, ELISA | Positive Controls: |
| Species Specificity: mouse, rat | WB : Con A treated rat splenocytes, IHC : mouse spleen 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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

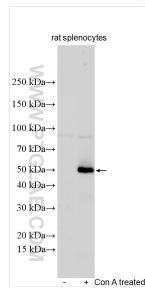
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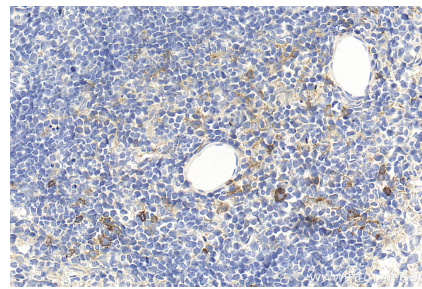
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32621-1-AP (CD134/OX40 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 32621-1-AP (CD134/OX40 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).