

anti-Human CD134/OX40 Polyclonal Antibody | anti-CD134/OX40 antibody

Anti-CD134/OX40 Antibody

CATALOG # AAA46401	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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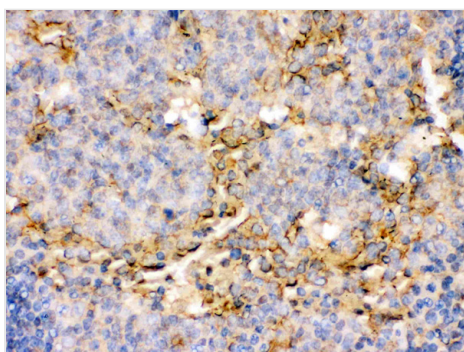
PRODUCT SYNONYMS

CD134/OX40; Polyclonal Antibody; Anti-CD134/OX40 Antibody; Tumor necrosis factor receptor superfamily member 4; ACT 35; ACT35; ACT35 antigen; ATC35 antigen; CD 134; CD134; CD134 antigen; Lymphoid activation antigene ACT35; OX 40; OX40; OX40 antigen; OX40 cell surface antigen; OX40 homologue; OX40L receptor; TAX transcriptionally activated glycoprotein 1 receptor; TAX transcriptionally-activated glycoprotein 1 receptor; TNFRSF 4; TNFRSF4; TNFR4_HUMAN; Txgp 1l; Txgp1; Txgp1l antibody; mor necrosis factor receptor superfamily; member 4; anti-CD134/OX40 antibody

PRODUCT SPECIFICATIONS

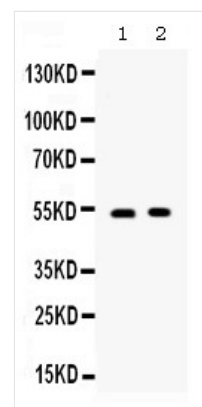
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	277
Applicable Applications for anti-CD134/OX40 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CD134/OX40 (232-254aa AILLALYLLRRDQRLPPDAHKPP), different from the related mouse sequence by ten amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

CD134/OX40 was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti- CD134/OX40 Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of CD134/OX40 expression in SW620 whole cell lysates (lane 1) and 22RV1 whole cell lysates (lane 1). CD134/OX40 at 50KD was detected using rabbit anti-CD134/OX40 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-CD134/OX40 antibody	Description: Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 4(TNFRSF4) detection. Tested with WB, IHC-P in Human. Background: Tumor necrosis factor receptor superfamily, member 4, also known as ACT35 or CD134, is a cell surface glycoprotein that was discovered through the production of a monoclonal antibody raised against the HUT-102 cell line. It belongs to the tumor necrosis factor receptor superfamily. CD134 was mapped to 1p36 by fluorescence in situ hybridization. CD134 is the primary receptor for feline immunodeficiency virus. And CD134 expression can promote viral binding and renders cells permissive for viral entry, productive infection, and syncytium formation. Stimulating the receptor can improve the response to a powerful virus vector and may be useful in vaccine development.
References	1. Bansal-Pakala, P., Jember, A. G.-H., Croft, M. Signaling through OX40 (CD134) breaks peripheral T-cell tolerance. Nature Med. 7: 907-912, 2001. 2. Humphreys, I. R., Walzl, G., Edwards, L., Rae, A., Hill, S., Hussell, T. A critical role for OX40 in T cell-mediated immunopathology during lung viral infection. J. Exp. Med. 198: 1237-1242, 2003. 3. Jember, A. G.-H., Zuberi, R., Liu, F.-T., Croft, M. Development of allergic inflammation in a murine model of asthma is dependent on the costimulatory receptor OX40. J. Exp. Med. 193: 387-392, 2001. 4. Shimojima, M., Miyazawa, T., Ikeda, Y., McMonagle, E. L., Haining, H., Akashi, H., Takeuchi, Y., Hosie, M. J., Willett, B. J. Use of CD134 as a primary receptor by the feline immunodeficiency virus. Science 303: 1192-1195, 2004.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507579
NCBI GeneID	7293
NCBI Accession #	NP_003318.1
NCBI GenBank Nucleotide #	NM_003327.3
UniProt Accession #	P43489; Q13663; Q2M312; Q5T7M0
Molecular Weight	29,341 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 4
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily member 4
NCBI Official Symbol	TNFRSF4
NCBI Official Synonym Symbols	OX40; ACT35; CD134; IMD16; TXGP1L
NCBI Protein Information	tumor necrosis factor receptor superfamily member 4
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 4
UniProt Gene Name	TNFRSF4
UniProt Synonym Gene Names	TXGP1L
UniProt Entry Name	TNR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.