

Anti-TNFRSF4/OX40 Picoband Antibody

Catalog # ABO12584

Product Information

Application	WB, IHC-P
Primary Accession	P43489
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 4(TNFRSF4) detection. Tested with WB, IHC-P in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	7293
Other Names	Tumor necrosis factor receptor superfamily member 4, ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, CD134, TNFRSF4, TXGP1L
Calculated MW	29341
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Membrane; Single-pass type I membrane protein.
Source	Eukaryota
Protein Name	Tumor necrosis factor receptor superfamily member 4
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
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.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also

be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

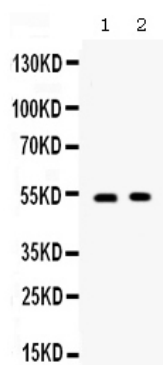
Protein Information

Name	TNFRSF4
Synonyms	TXGP1L
Function	Receptor for TNFSF4/OX40L/GP34. Is a costimulatory molecule implicated in long-term T-cell immunity.
Cellular Location	Membrane; Single-pass type I membrane protein.

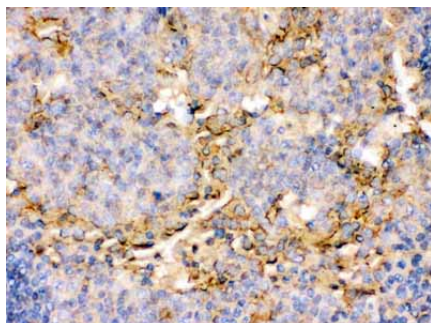
Background

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.

Images



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 (Catalog # ABO12584) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .



CD134/OX40 was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti- CD134/OX40 Antigen Affinity purified polyclonal antibody (Catalog # ABO12584) at 1 µg/mL. The immunohistochemical section was developed using SABC method .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.