

Anti-TNFRSF4/OX40 Antibody

Catalog # ABO11446

Product Information

Application	WB
Primary Accession	P15725
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 4(TNFRSF4) detection. Tested with WB in Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	25572
Other Names	Tumor necrosis factor receptor superfamily member 4, MRC OX40, OX40 antigen, OX40L receptor, CD134, Tnfrsf4, Ox40, Txgp1l
Calculated MW	29895
Application Details	Western blot, 0.1-0.5 µg/ml, Rat
Subcellular Localization	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Activated T-cells.
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 Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of rat CD134(23-42aa KLNCVKDTYPSGHKCCRECQ).
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	Ox40, Txgp1l
Function	Receptor for TNFSF4/OX40L/GP34. Is a costimulatory molecule implicated in long-term T-cell immunity (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Activated T-cells.

Background

Tumor necrosis factor receptor superfamily, member4, 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. 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



Anti-CD134/OX40 antibody, ABO11446, Western blotting
All lanes: Anti CD134/OX40 (ABO11446) at 0.5ug/ml
Lane 1: Rat Brain Tissue Lysate at 50ug
Lane 2: Rat Liver Tissue Lysate at 50ug
Lane 3: Rat Kidney Tissue Lysate at 50ug
Predicted bind size: 29KD
Observed bind size: 29KD

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