

Anti-TNFRSF4/OX40 Antibody
Catalog # ABO11446**Specification**

Anti-TNFRSF4/OX40 Antibody - 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.

Anti-TNFRSF4/OX40 Antibody - 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 MW KDa

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.

Protein Name

Tumor necrosis factor receptor superfamily member 4

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

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.

Anti-TNFRSF4/OX40 Antibody - 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.

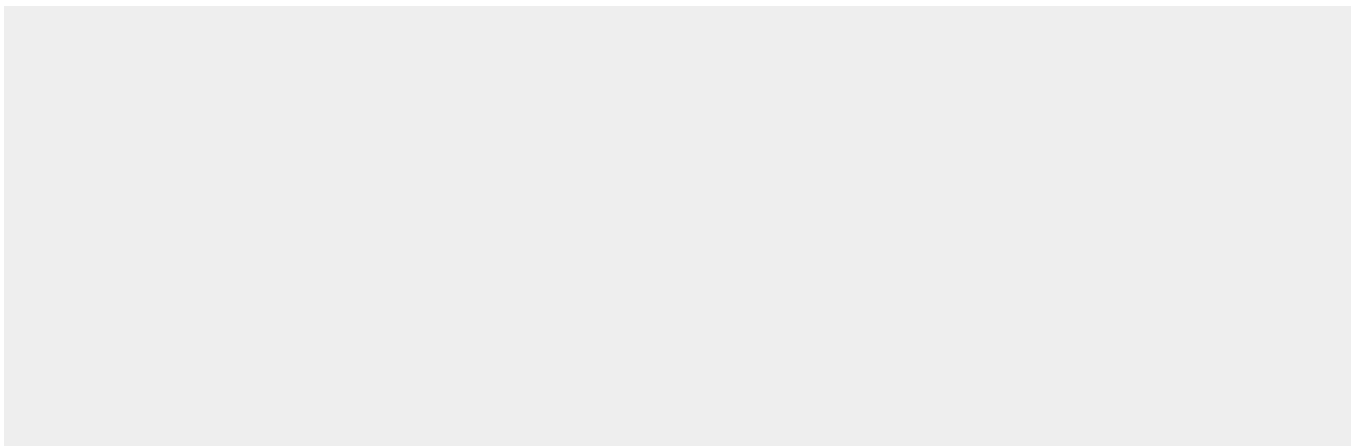
Tissue Location

Activated T-cells.

Anti-TNFRSF4/OX40 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TNFRSF4/OX40 Antibody - 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

Anti-TNFRSF4/OX40 Antibody - 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. 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.