

Datasheet for ABIN5518706
anti-TNFRSF4 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	TNFRSF4
Binding Specificity:	AA 22-43, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-CD134/OX40/TNFRSF4 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of mouse CD134.
Sequence:	ARRLNCVKHT YPSGHKCCRE CQ
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-/OX40/TNFRSF4 Antibody (ABIN5518706). Tested in WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: TNFRSF4

Alternative Name: TNFRSF4 ([TNFRSF4 Products](#))

Background: Synonyms: Tumor necrosis factor receptor superfamily member 4, OX40 antigen, OX40L receptor, CD134, Tnfrsf4, Ox40, Txgp1,
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.

Molecular Weight: 60 kDa

UniProt: [P47741](#)

Pathways: [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Western blot, 0.1-0.5 µg/mL, Mouse
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.

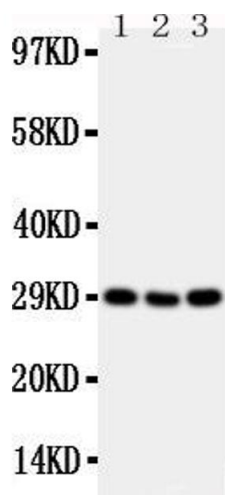
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Anti-CD134/OX40 antibody, Western blotting Lane 1: Mouse Brain Tissue Lysate Lane 2: Mouse Spleen Tissue Lysate Lane 3: Mouse Liver Tissue Lysate