

Datasheet for ABIN4952009
anti-TNFRSF4 antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	TNFRSF4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids AILLALYLLRRDQRLPPDAHKKPP of human CD134/OX40 were used as the immunogen for the OX40 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	TNFRSF4
Alternative Name:	OX40 / CD134 (TNFRSF4 Products)
Background:	OX40 (CD134) and its binding partner, OX40L (CD252), are members of the tumor necrosis factor receptor/tumor necrosis factor superfamily, is known to break an existing state of tolerance in malignancies, leading to a reactivation of antitumor immunity. The interaction

Target Details

between the proteins plays an important role in antigen-specific T-cell expansion and survival. OX40 and OX40L also regulate cytokine production from T cells, antigen-presenting cells, natural killer cells, and natural killer T cells, and modulate cytokine receptor signaling. In line with these important modulatory functions, OX40-OX40L interactions have been found to play a central role in the development of multiple inflammatory and autoimmune diseases, making them attractive candidates for intervention in the clinic. Conversely, stimulating OX40 has shown it to be a candidate for therapeutic immunization strategies for cancer and infectious disease.

UniProt:	P43489
Pathways:	Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

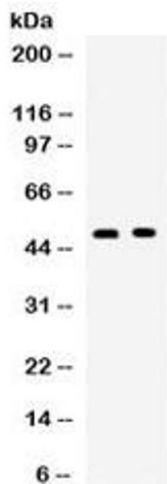
Application Details

Application Notes:	Optimal dilution of the OX40 antibody should be determined by the researcher.\. Western blot: 0.1-0.5 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,FACS: 1-3 µg/10 ⁶ cells
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the OX40 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of human 1) SW620 and 2) 22RV1 cell lysate with OX40 antibody. Expected molecular weight: 29-50 kDa depending on glycosylation level.