

Datasheet for ABIN7542982

Recombinant anti-TNFRSF4 antibody



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Overview

Quantity:	200 µg
Target:	TNFRSF4
Reactivity:	Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This TNFRSF4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Functional Studies (Func)

Product Details

Purpose:	Anti-CD134 [OX-40], Rabbit IgG, kappa
Immunogen:	OX40 antibody was prepared by immunizing mice with phytohaemagglutinin-activated rat lymph node cells.
Clone:	OX-40
Isotype:	IgG kappa
Specificity:	OX-40 antibody binds specifically to CD4+ T blasts. CD134 is a protein of the TNFR superfamily. It binds to OX40 ligand of both the monomeric and trimeric states which results in co-stimulated proliferation.
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG2b

Product Details

Purification: Protein A affinity purified

Target Details

Target: TNFRSF4

Alternative Name: CD134 ([TNFRSF4 Products](#))

Background: TNFRSF4, Tumor necrosis factor receptor superfamily member 4, OX40 antigen, OX40L receptor, OX40, MRC OX40, MRC OX-40, OX-40

UniProt: [P15725](#)

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

Application Details

Application Notes: OX-40 antibody results in Fc-dependent (i.e. not Fab or F(ab')₂) stimulation of in vitro activated T cell proliferation, but is not mitogenic for resting cells. This antibody can also label CD4+ T blasts and can pull down CD134/CD134+ cells.

Comment: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.