

Datasheet for ABIN6936597
anti-TNFRSF4 antibody



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Overview

Quantity:	100 µg
Target:	TNFRSF4
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This TNFRSF4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Blocking Reagent (BR), Binding Studies (Bind)

Product Details

Immunogen:	Purified recombinant Mouse OX-40 antigen
Clone:	OX-86
Isotype:	IgG1 kappa
No Cross-Reactivity:	Human
Purification:	Purified by Protein A/G

Target Details

Target:	TNFRSF4
Alternative Name:	CD134 (TNFRSF4 Products)
Background:	CD134 is a type I integral membrane protein. This receptor is expressed on activated CD4+and

Target Details

CD8+T cells and B cells. The CD134 binds to CD134 ligand (CD252) to provide a costimulatory signal that is independent of CD28. CD134 is involved in coordinating CD4 T cell selection, migration and cytokine differentiation in T helper (Th)1 and Th2 cells. CD134 is also involved in the stimulation of T cells, T dependent humoral response and generation of optimal CD4+ T cell responses in vivo and in vitro. CD134 is expressed on activated CD4+ T lymphocytes, and its ligand, CD134L, is found preferentially on activated B cells. Engagement of CD134 with its ligand, CD134L, delivers a strong costimulatory signal to effector T cells.

Molecular Weight: 50kDa

Gene ID: 22163

UniProt: [P47741](#)

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

Application Details

Application Notes: Positive Control: MPBMC's. Spleen, Thymus or Lymph Node.
Known Application: Does not block binding of OX40L, Flow Cytometry (0.5-1 µg/million cells in 0.1ml), Immunofluorescence (0.5-1 µg/mL)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Buffer: 10 mM PBS without BSA and without Azide.

Preservative: Azide free

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months.

Expiry Date: 24 months