

Datasheet for ABIN7661229
anti-TNFRSF4 antibody (CF®594)



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Overview

Quantity:	100 µL
Target:	TNFRSF4
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This TNFRSF4 antibody is conjugated to CF®594
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Functional Studies (Func)

Product Details

Purpose:	CD134, Mouse (OX40)(OX-86), CF594 conjugate
Immunogen:	Purified recombinant Mouse OX-40 antigen
Clone:	OX-86
Isotype:	IgG1, kappa
Characteristics:	CD134 is a type I integral membrane protein. This receptor is expressed on activated CD4 and 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

Product Details

ligand, CD134L, delivers a strong costimulatory signal to effector T cells. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	TNFRSF4
Alternative Name:	CD134
Background:	Synonyms: CD134, IMD16, Lymphoid activation antigen (ACT35), OX40 cell surface antigen, OX40L receptor, TAX transcriptionally activated glycoprotein 1 receptor, Tumor necrosis factor receptor superfamily member 4 (TNFRSF4), Txgp1l Tissue Expression: B-cells T-cells
Molecular Weight:	~50 kDa
Gene ID:	22163
UniProt:	P47741
Pathways:	Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: MPBMC . Spleen, Thymus or Lymph Node.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Handling Advice:	Protect from light
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Storage:	4 °C
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Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
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Expiry Date:	24 months
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