

Datasheet for ABIN7278487
anti-TNFSF4 antibody (PerCP-Cy5.5)



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Overview

Quantity:	100 µg
Target:	TNFSF4
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This TNFSF4 antibody is conjugated to PerCP-Cy5.5
Application:	Flow Cytometry (FACS)

Product Details

Clone:	RM134L
Isotype:	IgG2b kappa
Purification:	This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

Target Details

Target:	TNFSF4
Alternative Name:	CD252 (OX40 Ligand) (TNFSF4 Products)
Background:	The RM134L antibody recognizes CD252, also known as OX-40 Ligand or CD134 Ligand, a member of the TNF superfamily that is present on the surface of antigen presenting cells and

Target Details

activated B lymphocytes. The OX-40 Ligand interacts with OX-40 (CD134) which is expressed primarily on activated T cells. This costimulatory interaction leads to increased proliferation and IL-2 production responses of activated T cells, and at the same time enhances proliferation and immunoglobulin secretion by activated B cells. The RM134L antibody is useful for flow cytometric detection of CD252 on stimulated mouse splenocytes. It has also been reported to block the costimulatory activity of OX-40 Ligand. Please choose the appropriate format for each application.

Gene ID: 22164

UniProt: [P43488](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Activated T Cell Proliferation](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

Comment: 0.2 mg/mL

Restrictions: For Research Use only

Handling

Buffer: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2

Preservative: Sodium azide

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

Storage: 4 °C

Storage Comment: 2-8°C protected from light

Expiry Date: 12 months