

**APC Anti-Mouse CD252 (OX40 Ligand) (RM134L) Antibody**  
**Catalog # ATB10417****Specification****APC Anti-Mouse CD252 (OX40 Ligand) (RM134L) Antibody - Product Information**

Application	FC
Isotype	Rat IgG2b, kappa
Concentration	0.2mg/ml
Reactivity	Mouse
Formulation	10 mM NaH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, 0.09% NaN <sub>3</sub> , 0.1% gelatin, pH7.2

**APC Anti-Mouse CD252 (OX40 Ligand) (RM134L) Antibody - Additional Information**

Gene ID	22164
Gene Name	Tnfsf4

**Alternative Name(s)**

CD134L, CD134 Ligand, OX-40L, OX-40 Ligand, TNFSF4, Tumor necrosis factor ligand superfamily member 4, gp34

**Format**

APC

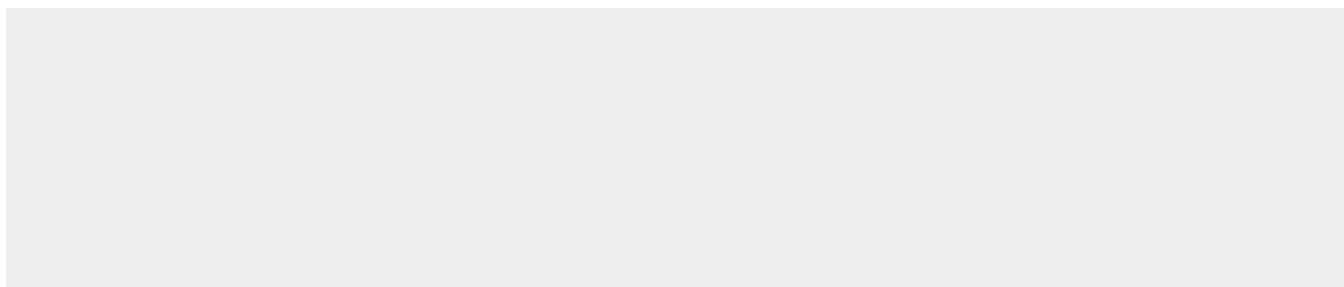
**Storage Conditions**

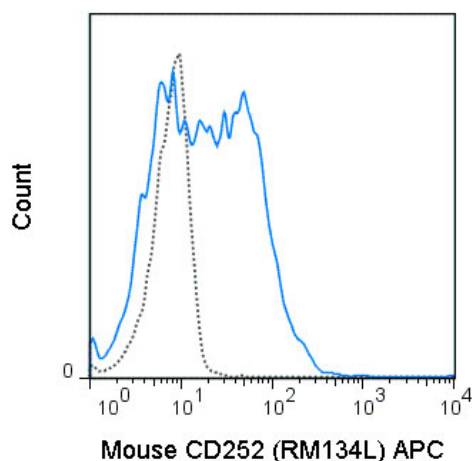
2-8°C protected from light

**APC Anti-Mouse CD252 (OX40 Ligand) (RM134L) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**APC Anti-Mouse CD252 (OX40 Ligand) (RM134L) Antibody - Images**



C57Bl/6 splenocytes were stimulated with anti-IgM and anti-CD40 for 4 days. Cells were then stained with 0.25 ug APC Anti-Mouse CD252 (ATB10417) (solid line) or 0.25 ug APC Rat IgG2b isotype control (dashed line).

#### **APC Anti-Mouse CD252 (OX40 Ligand) (RM134L) Antibody - 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 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.

#### **APC Anti-Mouse CD252 (OX40 Ligand) (RM134L) Antibody - References**

Akiba H, Oshima H, Takeda K, Atsuta M, Nakano H, Nakajima A, Nohara C, Yagita H and Okumura K. 1999 J Immunol. 162(12): 7058-7066. (Flow cytometry, in vitro blocking)

Stuber E, Neurath M, Calderhead D, Fell HP and Strober W. 1995 Immunity. 2(5): 507-521.

Sibilano R, Frossi B, Suzuki R, D'Inca F, Gri G, Piconese S, Colombo MP, Rivera J and Pucillo CE. 2012 Journal of Allergy Clin Immunol. 130(3): 751-760. (Blocking)

van der Merwe M, Abdelsamed HA, Seth A, Ong T, Vogel P and Pillai AB. 2013 J Immunol. 191(11): 5764-5776 (Flow cytometry)