

# CD252 (OX40 Ligand) Monoclonal Antibody (RM134L), APC, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse, Human
Host/Isotope	Rat / IgG2b, kappa
Recommended Isotype Control	Rat IgG2b kappa Isotype Control (eB149/10H5), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	RM134L
Conjugate	APC
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_11044244

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	0.5 µg/test	4 Publications

## Product Specific Information

Description: The RM134L monoclonal antibody reacts with mouse CD252 also known as OX-40 Ligand, a member of the TNF superfamily. OX-40L is induced on mouse splenic B cells stimulated with a combination of anti-IgM and anti-CD40. Neither resting nor activated mouse T cells express OX-40L. The interaction of OX-40 (CD134) with OX-40L has been implicated in T cell-dependent humoral response. RM134L inhibits the costimulatory activity of mouse OX-40L transfected cells for anti-CD3-stimulated T cell proliferation.

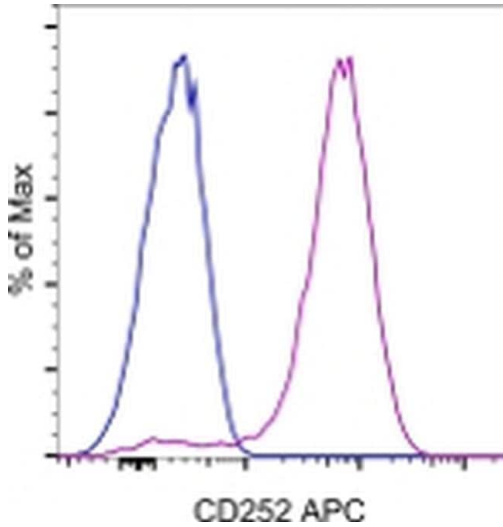
Applications Reported: This RM134L antibody has been reported for use in flow cytometric analysis.

Applications Tested: This RM134L antibody has been tested by flow cytometric analysis of stimulated mouse splenocytes. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; Emission: 660 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

## Product Images For CD252 (OX40 Ligand) Monoclonal Antibody (RM134L), APC, eBioscience™



### CD252 (OX40 Ligand) Antibody (17-5905-82) in Flow

Mouse splenocytes were stimulated for 4 days with F(ab')<sub>2</sub> Anti-Mouse IgM, u chain specific and Anti-Mouse CD40 Functional Grade Purifieds (Product # 16-5092-85 and Product # 16-0401-82). Cells were stained with 0.25 µg of Rat IgG2b K Isotype Control APC (Product # 17-4031-82) (blue histogram) or 0.25 µg of Anti-Mouse CD252 (OX40 Ligand) APC (purple histogram). Total viable cells, as determined by Fixable Viability Dye eFluor® 506 (Product # 65-0866-14), were used for analysis.

[View more figures on thermofisher.com](#)

### 4 References

#### Flow Cytometry (4)

##### Cancer research

### Oncolytic Adenovirus and Tumor-Targeting Immune Modulatory Therapy Improve Autologous Cancer Vaccination.

"17-5905 was used in Flow cytometry/Cell sorting to demonstrate that combining an oncolytic virus with tumor-targeting immune checkpoint modulators elicits potent in situ autologous cancer vaccination, resulting in an efficacious, tumor-specific, and long-lasting therapeutic effect."

Authors: Jiang H, Rivera-Molina Y, Gomez-Manzano C, Clise-Dwyer K, Bover L, Vence LM, Yuan Y, Lang FF, Toniatti C, Hossain MB, Fueyo J

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2017

##### Nature communications

### Dectin-1-activated dendritic cells trigger potent antitumour immunity through the induction of Th9 cells.

"Published figure using CD252 (OX40 Ligand) monoclonal antibody (Product # 17-5905-82) in Flow Cytometry"

Authors: Zhao Y, Chu X, Chen J, Wang Y, Gao S, Jiang Y, Zhu X, Tan G, Zhao W, Yi H, Xu H, Ma X, Lu Y, Yi Q, Wang S

**Species**  
Human  
Not Applicable

**Dilution**  
Not Cited  
Not Cited

**Year**  
2016

[View more Flow references on thermofisher.com](#)

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