

FITC anti-human CD252 (OX40L) Antibody

Catalog# / Size	389211 / 25 tests 389212 / 100 tests
Clone	W20047C
Regulatory Status	RUO
Other Names	Gp34, OX40L, CD134L, CD252, TNFSF4
Isotype	Rat IgG2a, κ
Description	OX40 ligand (OX40L), also known as gp34, CD252, CD134L or TNFSF4, is a 35 kD type II transmembrane protein which belongs to TNF superfamily. The OX40 ligand is expressed on activated B cells, activated endothelial cells, mature dendritic cells, activated CTLs, activated mast cells, and airway smooth muscle cells. OX40 ligand interacts with OX40 antigen (CD134) expressed predominantly on activated T cells to regulate T cell proliferation and differentiation, and to enhance immunoglobulin secretion by activated B cells.

Product Details

Verified Reactivity	Human
Antibody Type	Monoclonal
Host Species	Rat
Immunogen	Recombinant human OX40L protein
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
Preparation	The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions.
Concentration	Lot-specific (to obtain lot-specific concentration and expiration, please enter the lot number in our Certificate of Analysis online tool.)
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is 5 μ L per million cells in 100 μ L staining volume or 5 μ L per 100 μ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
Excitation Laser	Blue Laser (488 nm)
RRID	AB_3683440 (BioLegend Cat. No. 389211) AB_3683440 (BioLegend Cat. No. 389212)

Antigen Details

Structure	NGF/TNF superfamily, 35 kD
Distribution	Activated B cells, activated endothelial cells, mature dendritic cells, airway smooth muscle cells
Function	T-cell interaction, costimulation
Ligand/Receptor	OX40 (CD134)

Cell Type B cells, Dendritic cells, Endothelial cells
Biology Area Costimulatory Molecules, Immunology
Molecular Family CD Molecules, Immune Checkpoint Receptors

Antigen References

1. Imura A, *et al.* 1996. *J Exp Med.* 183:2185-95.
2. Ohshima Y, *et al.* 1997. *J Immunol.* 159:3838-48.
3. Ito T, *et al.* 2005. *J Exp Med.* 202:1213-23.
4. Ito T, *et al.* 2006. *Proc Natl Acad.Sci. USA.* 103:13138.

Gene ID [7292](#)

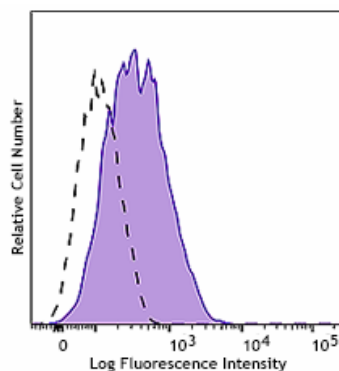
Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

Purified anti-human CD252 (OX40L), PE anti-human CD252 (OX40L), TotalSeq™-A1463 anti-human CD252 (OX40L), TotalSeq™-C1463 anti-human CD252 (OX40L) Antibody, APC anti-human CD252 (OX40L) Antibody, FITC anti-human CD252 (OX40L) Antibody, TotalSeq™-B1463 anti-human CD252 (OX40L) Antibody

Product Data



Human endothelial cells (HUVEC) were stained with anti-human CD252 (OX40L) (clone W20047C) FITC (filled histogram) or rat IgG2a, κ FITC isotype control (open histogram).

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