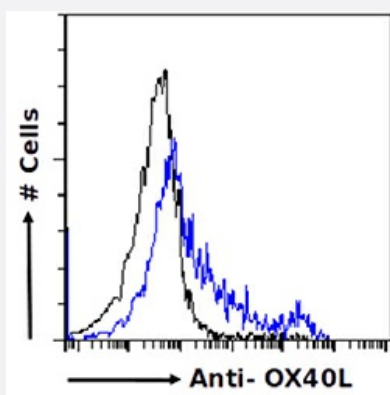


RecomAb™

TNFSF4 recombinant monoclonal antibody, clone R4930 (Oxelumab)

Catalog # RAB01176 Size 200 ug

Applications



Flow Cytometry

Flow-cytometry were stained with unimmunized rabbit IgG antibody (black line) or the rabbit IgG-chimeric version of R4930 (blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human OX40L.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against Oxelumab binds to human OX40L, the ligand of OX40, stimulatory receptor that is expressed on activated T cells, natural killer (NK) cells and natural killer T (NKT) cells.
Reactivity	Human
Specificity	Binds to human OX40L.
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG, Kappa

Recommend Usage

Flow cytometry
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS with 0.02% Proclin 300

Storage Instruction

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Applications

● Flow Cytometry

Flow-cytometry were stained with unimmunized rabbit IgG antibody (black line) or the rabbit IgG-chimeric version of R4930 (blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

Gene Info — TNFSF4

Entrez GeneID

[7292](#)

Protein Accession#

[P23510](#)

Gene Name

TNFSF4

Gene Alias

CD134L, CD252, GP34, OX-40L, OX40L, TXGP1

Gene Description

tumor necrosis factor (ligand) superfamily, member 4

Omim ID

[603594](#) [608446](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF4/OX4. It is found to be involved in T cell antigen-presenting cell (APC) interactions. In surface Ig- and CD40-stimulated B cells, this cytokine along with CD70 has been shown to provide CD28-independent costimulatory signals to T cells. This protein and its receptor are reported to directly mediate adhesion of activated T cells to vascular endothelial cells. [provided by RefSeq]

Other Designations

CD134 ligand|OTTHUMP00000032704|OX40 antigen ligand|OX40 ligand|glycoprotein 34 kd|tax-transcriptionally activated glycoprotein 1 (34kD)

Pathway

● [Cytokine-cytokine receptor interaction](#)

Disease

- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Infarction](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Intracranial Thrombosis](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Myocardial Infarction](#)
- [Narcolepsy](#)
- [Occupational Diseases](#)
- [Scleroderma](#)

- [Stroke](#)
- [Thrombosis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)