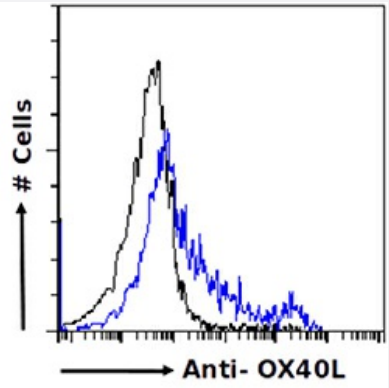
RecomAb™

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
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A affinity purification
Isotype	IgG, Kappa

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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

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Gene Info — TNFSF4

Entrez GeneID	7292
Protein Accession#	P23510
Gene Name	TNFSF4
Gene Alias	CD134L, CD252, GP34, OX-40L, OX4OL, 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) lig and 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 cytokin e 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 vas cular 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

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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

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- Stroke
- Thrombosis
- Waldenstrom Macroglobulinemia
- Werner syndrome

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