



Human Anti-Human OX40L (Oxelumab) Monoclonal Antibody, clone R4930 [Biosimilar] (CABT-Z641H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Biosimilar Recombinant Human Monoclonal Antibody
Specificity	This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Oxelumab. Clone R4930 binds to Human OX40L (TNFSF4).
Immunogen	Human OX40L
Isotype	IgG1, κ
Source/Host	Human
Species Reactivity	Human
Clone	R4930
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	BL, FA, FC Recommended concentration: FC: $\leq 0.25 \mu\text{g}$ per 10^6 cells in a volume of 100 μl .
Format	Liquid
Concentration	Lot specific
Size	50 μg , 100 μg , 1 mg, Bulk

Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 150 mM NaCl with no carrier protein, potassium, calcium or preservatives added. Endotoxin Level \leq 1.0 EU/mg as determined by the LAL method
Preservative	None
Storage	Functional grade biosimilar antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.
Ship	Wet ice

BACKGROUND

Introduction	OX40L is expressed in various cell types including antigen presenting cells, T-cells, vascular endothelial cells, mast cells, and natural killer cells. Oxelumab is a human monoclonal antibody designed for the treatment of autoimmune diseases. Oxelumab recognizes human OX40L (TNFSF4). OX40L is a member of the tumor necrosis family and is the ligand for OX40. The OX40/OX40L interaction generates an optimal T cell response and plays a significant role in determining the amount of memory T-cells remaining after the immune response. Therapeutic treatments with antibodies against TNFSF can sometimes result in serious side effects.
Keywords	TNFSF4;tumor necrosis factor (ligand) superfamily, member 4;tumor necrosis factor ligand superfamily member 4;OX40 ligand;atherosclerosis 1;tax-transcriptionally activated glycoprotein 1 ligand

GENE INFORMATION

Gene Name	TNFSF4
Entrez Gene ID	7292
UniProt ID	P23510