

## 12-8096: Anti-Human OX40L (Oxelumab) – PE

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	R4930
<b>Application :</b>	Functional Assay
<b>Reactivity :</b>	Human
<b>Alternative Name :</b>	TNFSF4; GP34; CD252; TXGP1; CD134L; TNLG2B
<b>Isotype :</b>	Human IgG1k
<b>Immunogen Information :</b>	Original antibody raised against Human OX40L

### Description

Expression Host : HEK-293

This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Oxelumab. Clone R4930 binds to Human OX40L (TNFSF4). This product is for research use only.

Oxelumab is a human monoclonal antibody designed for the treatment of autoimmune diseases.<sup>3</sup> 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.<sup>1</sup> Therapeutic treatments with antibodies against TNFSF can sometimes result in serious side effects.<sup>2</sup> More research is needed to understand the precise molecular mechanism of TNF inhibition. This cost-effective, research-grade Anti-Human OX40L (Oxelumab) utilizes the same variable regions from the therapeutic antibody Oxelumab making it ideal for research projects.

### Product Info

<b>Amount :</b>	50 µg
	Concentration : 0.2 mg/ml
<b>Content :</b>	This R-phycoerythrin (R-PE) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.
<b>Storage condition :</b>	This R-phycoerythrin (R-PE) conjugate is stable when stored at 2-8°C. Do not freeze.

### Application Note

The suggested concentration for Oxelumab biosimilar antibody for staining cells in flow cytometry is  $\leq 1.0$  µg per  $10^6$  cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.