

Mouse Anti-Human CD252 (OX40L), FITC Conjugated mAb

Catalog No: #CM051

Package Size: #CM051-1 25T #CM051-2 100T

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Mouse Anti-Human CD252 (OX40L), FITC Conjugated mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	1F7
Isotype	Mouse IgG1, κ
Applications	FC
Species Reactivity	Hu
Specificity	This antibody recognizes human OX40L in ELISA.
Immunogen Description	Human OX40L Recombinant Protein
Other Names	OX-40L , TNFSF4 , CD252
Formulation	Lyophilized from a 0.2 μ m filtered solution in phosphate buffered saline (PBS) and reconstitute with sterile PBS
Storage	Store protected from light at 2-8°C. Do not freeze. The expiration date is indicated on the vial label.

Application Details

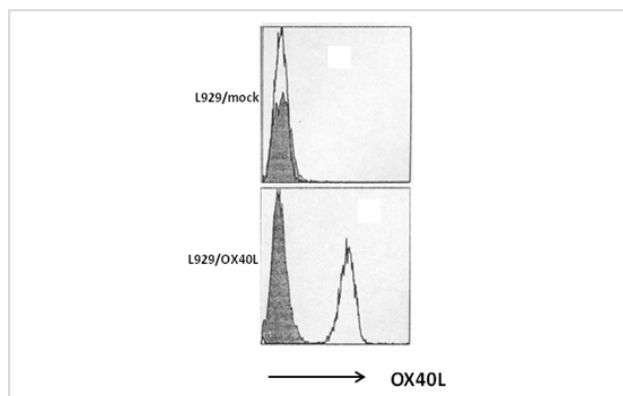
Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with Human OX40L Recombinant Protein). The monoclonal antibody was purified from tissue culture supernatant or ascites by protein G affinity chromatography.

Product Notices: This reagent has been pre-diluted for use at the recommended Volume per Test.

We typically use 1 10^6 cells in a 100- μ l experimental sample (per test).

An isotype control should be used at the same concentration as the antibody of interest.

Images



Flow cytometric analysis of OX40L expression on L929/OX40L transfected cells. L929/OX40L transfected cells were stained with either Mouse IgG1, κ Isotype Control or Mouse Anti-Human CD28 antibody. In the negative control reactivity, L929/mock cells were stained with Mouse Anti-Human OX40L antibody. Fluorescence histograms showing the expression of OX40L were derived from events with the forward and side light-scatter characteristics of viable cells. Flow cytometric analysis was performed using a Beckman FC 500 Flow Cytometer System.

Product Description

OX-40L, also known as TNFSF4 and CD252, is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. OX-40L is an important

costimulatory molecule that plays a crucial role in the regulation of T-cell-mediated immunity. The interaction of TNFSF4-TNFSF4 is involved in the pathogenesis of multiple autoimmune and inflammatory diseases such as systemic lupus erythematosus (SLE), carotid artery disease and cancer. OX-40L is a ligand for receptor TNFRSF4/OX4. It is found to play a role 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.

Note: This product is for in vitro research use only