

Anti-OX40/TNFRSF4 Antibody (9R426)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	9R426
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Mouse-OX40 expression on ConA-stimulated BABL/c splenocytes. Cells were stained with purified anti-Coronavirus Nucleocapsid, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM
Recommended	FCM: 1:25-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Mouse OX40 Protein (TMPY-05020)
Antigen Species:	Mouse
Synonyms:	ACT35;IMD16;TXGP1L;CD134;OX40;tumor necrosis factor receptor superfamily, member 4
Biology Area:	Cancer Drug Targets

Research Background

OX40 (CD134) and its binding partner, OX40L (CD252), are members of the tumor necrosis factor receptor/tumor necrosis factor superfamily, is known to break an existing state of tolerance in malignancies, leading to a reactivation of antitumor immunity. The interaction between OX40 and OX40L plays an important role in antigen-specific T-cell expansion and survival. OX40 and OX40L also regulate cytokine production from T cells, antigen-presenting cells, natural killer cells, and natural killer T cells, and modulate cytokine receptor signaling. In line with these important modulatory functions, OX40-OX40L interactions have been found to play a central role in the development of multiple inflammatory and autoimmune diseases, making them attractive candidates for intervention in the clinic. Conversely, stimulating OX40 has shown it to be a candidate for therapeutic immunization strategies for cancer and infectious disease.

Cancer Immunotherapy
Co-stimulatory Immune Checkpoint Targets
Immune Checkpoint
Immune Checkpoint Detection: Antibodies
Immune Checkpoint Detection: ELISA
Antibodies
Immune Checkpoint Detection: WB
Antibodies
Immune Checkpoint Proteins
Immune Checkpoint Targets
Immunotherapy
Targeted Therapy

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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