

## Anti-OX40/TNFRSF4 Antibody-PE (9R426)

### Product Details

|               |            |
|---------------|------------|
| Ig Type:      | Rabbit IgG |
| Reactivity:   | Mouse      |
| Conjugation:  | PE         |
| 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 PE-conjugated anti-Mouse-OX40. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells. |
| Application:       | FCM   |
| Recommended        | 5 µl/Test, 0.1 mg/ml  |

### Properties

|                      |  |
|----------------------|--|
| Stability & Storage: | Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. |
| Shipping:            | Shipping with blue ice.  |

### Antigen Details

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