

## Anti-OX40/TNFRSF4 Antibody (2E203)

### Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2E203
Purification:	Protein A

### Applications

Verified Activity:	Flow cytometric analysis of Human OX40 expression on PHA-activated human whole blood lymphocytes. Cells were stained with purified anti-Human OX40, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes.
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: Human OX40 Protein (TMPY-01423)
Antigen Species:	Human
Synonyms:	OX40;TXGP1L;IMD16;tumor necrosis factor receptor superfamily, member 4;CD134;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 Detection: Antibodies  
 Immune Checkpoint Detection: ELISA  
 Antibodies  
 Immune Checkpoint Detection: WB  
 Antibodies  
 Immune Checkpoint Proteins  
 Immune Checkpoint Targets  
 Immunotherapy  
 Targeted Therapy

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