

## Anti-Mouse OX40/CD134 Antibody (OX-86)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight: 150 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Anti-Mouse OX40/CD134 Antibody (OX-86) is a monoclonal inhibitory antibody targeting mouse OX40/CD134. It can enhance the anti-tumor effect of CD8+ T cells, reverse the immunosuppressive microenvironment, promote antigen presentation and T cell activation, and is applicable to tumor-related studies such as papilloma and leukemia.
Targets(IC50)	TNF
In vitro	Anti-Mouse OX40/CD134 Antibody (OX-86) upregulates the expression of surface activation markers CD40 and CD86 on dendritic cells (DCs) and downregulates PD-L1 levels in SB28-OVA and EG7-OVA cells when treated at 100 µg/mL for 5-7 days [3]. Anti-Mouse OX40/CD134 Antibody (OX-86) pretreatment at 10 µg/mL for 1 hour significantly enhances tumor cell apoptosis mediated by tumor-infiltrating lymphocytes (TILs) [4].
In vivo	Anti-Mouse OX40/CD134 Antibody (OX-86) administered intraperitoneally at 100 µg twice weekly shows only limited antitumor efficacy in female C57BL/6 mice bearing TC-1 tumors [1]. Anti-Mouse OX40/CD134 Antibody (OX-86) administered intraperitoneally at 10 mg/kg once weekly for 2 doses, in combination with PEG-MTAP, significantly inhibits tumor growth in DBA/2 mice bearing L1210 tumors [2]. Anti-Mouse OX40/CD134 Antibody (OX-86) administered intraperitoneally at 200 µg on days 4, 7, and 10 significantly inhibits tumor growth in female C57BL/6 mice bearing SB28-OVA or EG7-OVA tumors [3]. Anti-Mouse OX40/CD134 Antibody (OX-86) administered intraperitoneally at 100 µg twice weekly for 2 weeks delays tumor growth and enhances CD8+ T cell function in C57BL/6 mice bearing MC38 tumors [4].

### Preparing Stock Solutions

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	<b>1mg</b>	<b>5mg</b>	<b>10mg</b>
1 mM	0.0067 mL	0.0333 mL	0.0667 mL
5 mM	0.0013 mL	0.0067 mL	0.0133 mL
10 mM	0.0007 mL	0.0033 mL	0.0067 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 mL

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Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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