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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Technical Data Sheet

Anti-Mouse CD134 In Vivo Antibody (OX-86) - Low Endotoxin ICH1196

Product Information

Catalog Number:	ICH1196
Product:	Low Endotoxin, anti-mouse
Target:	CD134
Clone:	OX-86
Isotype:	Rat IgG1
Other names:	OX-40, TNFRSF4, ACT35
Host:	Rat
Species Reactivity:	Mouse
Specificity:	Clone OX-86 reacts with murine CD134 (OX-40, TNFRSF4).
Purification method:	This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Antigen Distribution:	CD134 is expressed on activated CD4 and CD8 T cells, activated regulatory T cells, B cells, NKT cells, NK cells, and neutrophils.
Concentration:	≥ 2.0 mg/ml
Formulation:	Sterile, preservative-free, solution in PBS. BSA and Azide free.
Purity:	>95% by SDS-PAGE
Endotoxin:	<1.0 EU/mg as determined by the LAL method
Aggregation:	Aggregation level ≤ 5%
Storage:	This antibody is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at –80°C. Avoid Repeated Freeze Thaw Cycles.
Applications:	Activation, Flow Cytometry, Immunohistochemistry, Western Blotting
Application Notes:	Each investigator should determine their own optimal working dilution for specific applications.

Background:

CD134 functions as an important immune checkpoint, and its depletion in murine mouse models demonstrate that lack of CD134 expression leads to reduced CD4+ and CD8+ T cells. When CD134 is bound by its corresponding ligand (OX-40L), an optimal T cell response is generated and plays a significant role in determining the amount of memory T-cells remaining after the immune response. CD134 has also been found to play an important role in carcinogenesis, as treatment with activating in vivo antibodies against CD134 enhanced tumor growth, suggesting that CD134 is an important tumor suppressor, and its absence disrupts the immune response to tumors

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