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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD134 [9D1] Standard Size Ab03365-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 9D1

Alternative Name(s) of Target: OX40; OX40L receptor; TNFRSF4; TXGP1L; Tumor necrosis factor receptor superfamily member 4; ACT35 antigen; TAX transcriptionally-activated glycoprotein 1 receptor; 08-9D1; 9D1-mHvKv

UniProt Accession Number of Target Protein: P43489

Published Application(s): therapeutic, ELISA, FC

Published Species Reactivity: Human, Rhesus Monkey

Immunogen: The original antibody was generated by immunizing 6-8 weeks old female BALB/c mice with human OX40 protein.

Specificity: This antibody binds human CD134 (OX40; TNFRSF4). This molecule acts as a receptor for TNFSF4/OX40L/GP34. It is a costimulatory molecule implicated in long-term T-cell immunity.

Application Notes: The binding characterization of this antibody to human OX40 was done using ELISA. The binding reactivity of this antibody to human, mouse and rhesus monkey OX40 expressed on CHO cells was determined using flow cytometry. This antibody was shown to cross react with human and rhesus monkey OX40 and not mouse OX40. The binding affinity of the original mouse IgG1 antibody for human OX40 was determined using surface plasmon resonance and was found to be $K_d = 0.389$ nM. The anti-tumor activity of this antibody was studied in an in vivo mouse colon cancer model. MC-38 cancer tumor cells (colon adenocarcinoma cells) were injected subcutaneously into B-hOX40 humanized mice and the mice were then treated with this antibody. This antibody was shown to have good percent tumor growth inhibition (CN111763258).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.