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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-CD40 [3B2] Bulk Size Ab03420-10.0-BT

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, Kappa

Clone Number: 3B2

Alternative Name(s) of Target: TNFRS5; Tumor necrosis factor receptor superfamily member 5; B-cell surface antigen CD40; Bp50; CD40L receptor CDw40; CD154R; 19-3B2

UniProt Accession Number of Target Protein: P25942

Published Application(s): therapeutic, FC

Published Species Reactivity: Primate, Human

Immunogen: The original antibody was generated by immunizing mice with recombinant human CD40 protein.

Specificity: This antibody recognizes and binds human and primate CD40, but does not cross react with mouse CD40. CD40 acts as a receptor for TNFSF5/CD40LG. This protein is a receptor on antigen-presenting cells of the immune system and is essential for mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation.

Application Notes: The reactivity of this antibody to human, Ganlamp monkey and mouse CD40 protein expressed on the surface of CHO cells was determined using flow cytometry. This antibody positively binds human and primate CD40 proteins and does not cross react with mouse CD40. The original mouse IgG antibody binds human CD40 with a binding affinity of $k_d = 6.13 \times 10^{-10}$ M. The tumor inhibitory activity of this antibody was also tested in vivo in B-HCD40 mice injected with murine MC-38 cells (colon cancer cells). This antibody exhibited good tumor inhibitory effect (CN111763259).

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

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.