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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD70 [3H4] Standard Size Ab03880-10.3

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

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

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

Clone Number: 3H4

Alternative Name(s) of Target: TNFSF7; CD27L; CD27-L; CD27LG; CD27 ligand; CD70 antigen; Tumor necrosis factor ligand superfamily member 7

UniProt Accession Number of Target Protein: P32970

Published Application(s): ELISA, FC

Published Species Reactivity: Human, Cynomolgus Monkey

Immunogen: The original antibody was generated by immunizing BALB/c mice with recombinant human CD70-mFc fusion protein as immunogen.

Specificity: This antibody binds human and cynomolgus monkey CD70, a cytokine belonging to the tumor necrosis factor (TNF) ligand family, which acts as a ligand for TNFRSF27/CD27. It is a surface antigen present on activated T and B cells. The CD70-CD27 pathway plays an important role in the generation and maintenance of T cell immunity, in particular during antiviral responses. Upon CD27 binding, induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis. CD70 is also identified as an emerging target in cancer immunotherapy.

Application Notes: The binding this antibody to recombinant human CD70 was determined using ELISA. This antibody can positively react with human and cynomolgus monkey CD70 expressed on the surface of 786-0 renal carcinoma cells and CHO-K1-cmCD70 cells in a flow cytometric assay (CN110724670).

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

Note on publication:

Product Form

Size: 100 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.