



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-CD70 [3H4] Bulk Size Ab03880-1.1-BT

**Isotype and Format:** Mouse IgG1, 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:** 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.