



# 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-CD5 [5D7] Standard Size Ab04160-10.3

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:** 5D7

**Alternative Name(s) of Target:** LEU1; T-cell surface glycoprotein CD5; Lymphocyte antigen T1/Leu-1

**UniProt Accession Number of Target Protein:** P06127

**Published Application(s):** functional assay, FC

**Published Species Reactivity:** Human, Cynomolgus Monkey

**Immunogen:**

**Specificity:** This antibody binds human CD5, which is a surface glycoprotein that act as a receptor in regulating T-cell proliferation. CD5 is a good immunohistochemical marker for T-cells. This antibody also cross reacts with cynomolgus monkey CD5.

**Application Notes:** The binding of this antibody to human and cynomolgus monkey PBMCs was studied using flow cytometry. The human IgG1 version of this antibody mediates significant ADCC activity against the CLL cell line Wac3CD5, using purified NK cells as effector cells. Anti-RSV IgG1 was used as an isotype control. In a caspase activity assay this antibody showed capability of inhibiting survival of both CLL and ALCL tumor cells by mediating apoptosis against these cells. Humanized version of this antibody is available on request (US20080254027).

**Antibody First Published in:** Stöckl et al. Leukosialin (CD43)-major histocompatibility class I molecule interactions involved in spontaneous T cell conjugate formation. J Exp Med. 1996 Nov 1; 184(5): 1769-1779.

[PMID:8920865](#)

**Note on publication:** This paper investigates the molecular interactions involved in spontaneous T cell conjugate formation using various antibodies.

## 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.