



# 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-CD99 [10D2A10F9] Standard Size Ab03399-10.3

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:** 10D2A10F9

**Alternative Name(s) of Target:** CGMCC NO.22316; CD99 antigen; 12E7; E2 antigen; Protein MIC2; T-cell surface glycoprotein E2; O13

**UniProt Accession Number of Target Protein:** P14209

**Published Application(s):** WB, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with CD99.

**Specificity:** The antibody is specific for CD99. CD99 is a type I transmembrane glycoprotein with a molecular weight of 32kDa. CD99 is involved in the process of cell adhesion and apoptosis. It is produced by thymocytes and T cells. It plays an important role in the interaction between cells and extracellular matrix and between cells and cells, and affects the development and metastasis of tumor cells.

**Application Notes:** The antibody specifically detected CD99 by Western blot analysis. The antibody 10D2A10F9 and the commercial antibody O13 were used to stain ovarian granulosa cell tumor and primitive neuroectodermal tumor. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 10D2A10F9 was higher than the commercial antibody. The antibody and the commercially available antibody O13 were simultaneously detected on the normal tissue chip, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody (CN113929783A).

**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.