



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-DR4 [T1014G03 ] Standard Size Ab04096-3.0

**Isotype and Format:** Mouse IgG2b, Lambda

**Clone Number:** T1014G03

**Alternative Name(s) of Target:** CD261; TR4; TNFRSF10A; APO2; TRAILR1; Tumor necrosis factor receptor superfamily member 10A; Death receptor 4; TNF-related apoptosis-inducing ligand receptor 1

**UniProt Accession Number of Target Protein:** O00220

**Published Application(s):** in vivo, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was isolated from a human scFv library by panning against human TR4 fusion protein. Later on the scFv version of this antibody was converted to human IgG1 version for carrying out further studies.

**Specificity:** This antibody binds human CD261 (TR4 or TRAILR1 or TNFRSF10A). This protein acts as a receptor for the cytotoxic ligand TNFSF10/TRAIL and transduces cell death signal and induces cell apoptosis.

**Application Notes:** The binding specificity of this antibody to human TR4 (CD126) fusion protein was determined using ELISA. This antibody does not cross react with other proteins like TR7, TR5, TR10 and BLyS. It was reported that the scFv version of the antibody binds human TR4 fusion protein with a binding affinity of  $K_d = 5.54 \times 10^{-10}$  nM. It was also reported that when administered with in vivo Topotecan, this antibody was capable of retarding the growth of tumor cells in nude mice (US7064189).

**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.