



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-GITR [2D3] Bulk Size Ab03421-1.1-BT

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

**Clone Number:** 2D3

**Alternative Name(s) of Target:** CD357; TNFRSF18; AITR; GITR; Tumor necrosis factor receptor superfamily member 18; Activation-inducible TNFR family receptor; Glucocorticoid-induced TNFR-related protein; 2D3-mHvKv

**UniProt Accession Number of Target Protein:** Q9Y5U5

**Published Application(s):** therapeutic, ELISA, FC

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

**Immunogen:** The original antibody was generated by immunizing 6-8 weeks old female BALB/c mice with his-tagged human GITR protein.

**Specificity:** This antibody binds human and rhesus monkey GITR (TNFRSF18; CD357) and does not cross react with mouse GITR. This protein acts as a receptor for TNFSF18, which is involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death.

**Application Notes:** The initial binding characterization of the antibody was done using ELISA. The binding reactivity of this antibody to human, mouse and rhesus monkey GITR was determined using flow cytometry. This antibody was shown to cross react with human and rhesus monkey GITR and not mouse GITR. The binding affinity of the original mouse IgG1 antibody for human GITR was determined using surface plasmon resonance and was found to be  $K_d = 7.75 \times 10^{-10} \text{M}$ . The anti-tumor effect of this antibody was tested in vivo in a mouse colon cancer model. Murine MC-38 cells (colon adenocarcinoma cells) were injected subcutaneously in B-hGITR mice and treated with this antibody. It was reported that this antibody showed good tumor inhibitory effect (CN111763257).

**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.