



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

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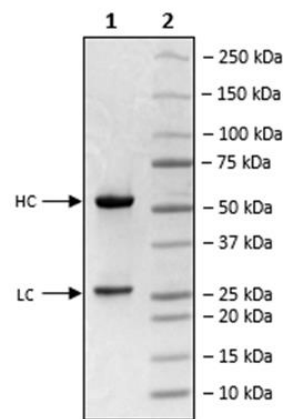
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Information

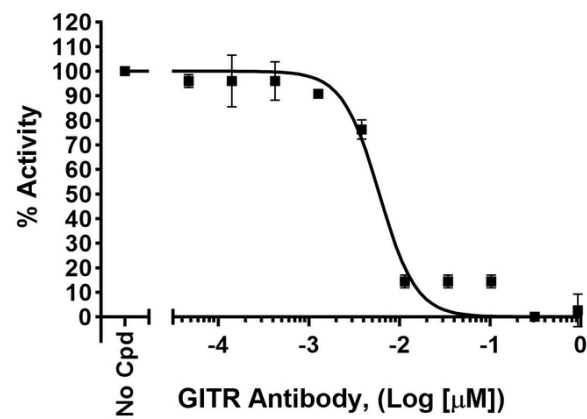
Description:	Recombinant anti-GITR antibody recognizing human GITR (Glucocorticoid-Induced TNFR-Related protein) protein. This anti-GITR antibody is a purified, human recombinant monoclonal antibody, which contains an Avi-Tag™ and is biotinylated at the C-terminus of the heavy chain unit. This antibody has been tested in a binding assay.
Background:	GITR (Glucocorticoid-Induced TNFR-Related protein), also known as TNFRSF18 (tumor necrosis factor receptor superfamily member18) or CD357 (Cluster of Differentiation 357), is a co-stimulatory receptor belonging to the TNF (tumor necrosis factor) receptor superfamily. It is constitutively expressed on regulatory T cells (Tregs) and is upregulated on activated CD4 ⁺ and CD8 ⁺ T cells, NK (natural killer) cells, and myeloid cells. GITR interacts with its ligand, GITRL, to modulate immune responses by enhancing effector T cell activation and proliferation while reducing Treg-mediated suppression. Due to its dual role in promoting immune activation and attenuating immune regulation, GITR is a promising target for cancer immunotherapy and autoimmune disease research.
Species:	Human
Isotype:	IgG1
Clonality:	Monoclonal
Concentration:	1.4 mg/ml
Expression System:	HEK293
Purity:	≥90%
Format:	Aqueous buffer solution.
Formulated In:	8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol
MW:	Heavy chain: 51 kDa + glycans; Light chain: 24 kDa
Glycosylation:	This antibody runs at a higher MW by SDS-PAGE due to glycosylation.
Label:	This protein is enzymatically biotinylated using Avi-Tag™ technology. Biotinylation confirmed to be ≥90%.
Stability:	At least 12 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Assay Conditions:	The assay was performed according to GITR:GITRL TR-FRET Assay Kit (BPS #79054).
Applications:	Useful for binding assays and avidin-pulldown assays.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining



GITR:GITRL Binding Activity



Biotin-Avidin Pulldown

