9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

36-3688: Anti-GITR / Tnfrsf18 (Mouse) Monoclonal Antibody(Clone: DTA-1)

Clonality :	Monoclonal
Clone Name :	DTA-1
Application :	FACS,IF
Reactivity :	Mouse
Gene ID :	21936
Uniprot ID :	O35714
Alternative Name :	Activation-inducible TNF-related ligand; AITRL; GITRL; Glucocorticoid induced TNFR related protein ligand; Glucocorticoid-induced TNF-related ligand; hGITRL; TL6; TNFSF18; Tumor necrosis factor (ligand) superfamily member 18
Isotype :	Rat IgG2b, lambda
Immunogen Information :	Mouse CD25+ CD4+ T cells

Description

GITR (glucocorticoid-induced TNFR-related gene) is a member of the TNF-receptor superfamily, also known as TNFRSF18. It is expressed at low levels on resting T lymphocytes and at high levels on CD25+CD4+Tregs. The expression of GITR on T cells can be upregulated upon activation. Interaction of GITR with its ligand (GITRL) has been demonstrated to aÂµgment T cell activation, proliferation, cytokine production as well as MAPKs and NF-B activation, and abrogate the inhibitory function ofCD25+CD4+Tregs. In vivoactivation of GITR causes development of autoimmune diseases and restores the suppressed immune response.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry (0.5-1ug/million cells in 0.1ml); Immunofluorescence (1-2ug/ml);

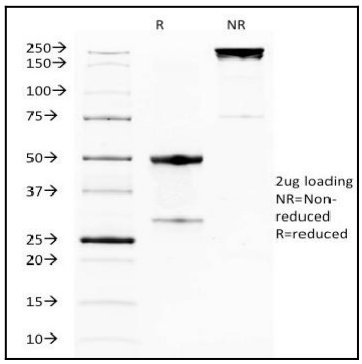


Fig. 1: SDS-PAGE Analysis Purified GITR Mouse Monoclonal Antibody (DTA-1). Confirmation of Purity and Integrity of Antibody

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