

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DTA-1
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Mouse
<b>Gene ID :</b>	21936
<b>Uniprot ID :</b>	O35714
<b>Alternative Name :</b>	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
<b>Isotype :</b>	Rat IgG2b, lambda
<b>Immunogen Information :</b>	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 augment T cell activation, proliferation, cytokine production as well as MAPKs and NF- $\kappa$ B activation, and abrogate the inhibitory function of CD25+CD4+Tregs. In vivo activation of GITR causes development of autoimmune diseases and restores the suppressed immune response.

#### Product Info

<b>Amount :</b>	20 $\mu$ g / 100 $\mu$ g
<b>Content :</b>	200 $\mu$ g/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.
<b>Storage condition :</b>	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 (0.5-1 $\mu$ g/million cells in 0.1ml); Immunofluorescence (1-2 $\mu$ g/ml);

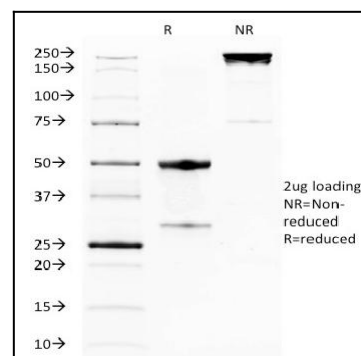


Fig. 1: SDS-PAGE Analysis Purified GITR Mouse Monoclonal Antibody (DTA-1). Confirmation of Purity and Integrity of Antibody