

## GITR / Tnfrsf18 (Mouse) Antibody

Rat Monoclonal Antibody [Clone DTA-1]

Catalog No	Format	Size
MS21936-RTM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MS21936-RTM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MS21936-RTM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

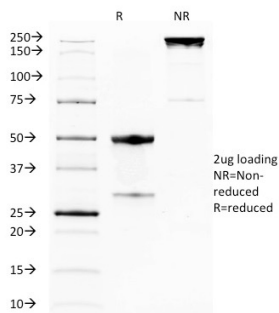
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

### Product Details

<b>Clone</b>	DTA-1
<b>Immunogen</b>	Mouse CD25+ CD4+ T cells
<b>Host</b>	Rat
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2b / Lambda
<b>Mol. Weight of Antigen</b>	66-70kDa (Homodimer)
<b>Cellular Localization</b>	Cell membrane, Secreted
<b>Species Reactivity</b>	Mouse
<b>Positive Control</b>	CD25+CD4+Tregs.

\*Optimal dilution for a specific application should be determined.

### Product Images for GITR / Tnfrsf18 (Mouse) Antibody



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

### Specificity & Comments

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-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.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

### Supplied As

200ug/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 and Stability

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. No MSDS required.