

ARG56104 anti-TNFRSF18 antibody [DTA-1]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [DTA-1] recognizes TNFRSF18
Tested Reactivity	Ms
Tested Application	FACS, ICC/IF
Host	Rat
Clonality	Monoclonal
Clone	DTA-1
Isotype	IgG2b, lambda
Target Name	TNFRSF18
Species	Mouse
Immunogen	Mouse CD25+ CD4+ T cells.
Conjugation	Un-conjugated
Alternate Names	AITR; CD antigen CD357; Tumor necrosis factor receptor superfamily member 18; Glucocorticoid-induced TNFR-related protein; Gitr

Application Instructions

Application table	Application	Dilution
	FACS	0.5 - 1 µg/10 ⁶ cells in 0.1ml
	ICC/IF	0.5 - 1 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 21936 Mouse Swiss-port # O35714 Mouse
Gene Symbol	Tnfrsf18
Gene Full Name	tumor necrosis factor receptor superfamily, member 18
Background	This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Feb 2011]
Function	Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway (By similarity). [UniProt]
Calculated Mw	26 kDa
Cellular Localization	Secreted, cell surface