Datasheet for ABIN1344404

TNFSF18 Protein (AA 45-173, Extracellular Domain, Soluble) (DYKDDDDK Tag)

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Overview

Quantity:	50 µg
Target:	TNFSF18
Protein Characteristics:	Soluble, Extracellular Domain, AA 45-173
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFSF18 protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

Product Details

Specificity:	Binds to mouse GITR.
Cross-Reactivity:	Mouse (Murine)
Characteristics:	The extracellular domain of mouse GITRL (aa 45-173) is fused at the N-terminus to a FLAG®-tag.
Purity:	>90 % (SDS-PAGE)
Sterility:	0.2 µm filtered
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	TNFSF18
Alternative Name:	GITRL (TNFSF18 Products)
Background:	GITRL (Glucocorticoid-induced TNF receptor ligand) is expressed on dendritic cells (DC), monocytes, macrophages, B cells, activated T cells, endothelial cells, osteoclasts and various healthy non-lymphoid tissues (e.g. testis). GITRL is constitutively expressed and released as soluble form by solid tumors and various hematopoietic malignancies. GITRL causes differentiation of osteoclasts, activation of macrophages, but also alteration of carcinoma and leukemia cells and influences apoptosis. Binding to GITR is important in regulating T cell proliferation and TCR-mediated apoptosis. GITRL is implicated in development of autoimmune diseases and in the immune response against infectious pathogens and tumors.
Molecular Weight:	~22kDa (SDS-PAGE)
UniProt:	Q7TS55

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.2μm-filtered solution in 10 mM glycine, pH 10.0.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Working aliquots are stable for up to 3 months when stored at -20°C.
Expiry Date:	3 months

