



Anti-TNFSF18 monoclonal antibody, clone 200225 (DCABY-3976)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	GITR Ligand (GITRL) is a member of the TNF superfamily and has been designated TNFSF18. The carboxy-terminal extracellular domain shows sequence similarity to TNF-alpha/TNFSF1A, Fas Ligand/TNFSF6, TRAIL/TNFSF10, and TNF-beta/TNFSF1B. GITRL is constitutively expressed in human umbilical vein endothelial cells but is not expressed in resting or stimulated T cell lines, B cell lines or peripheral blood mononuclear cells.
Specificity	Detects human GITR Ligand/TNFSF18 in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant human(rh)APRIL, rhLIGHT, rhTNF-alpha, or rhVEGI is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human GITR Ligand/TNFSF18. Glu52-Ser177 Accession Number Q9UNG2
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	200225
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Flow Cytometry, ELISA Capture (Matched Pair), Blockade of Receptor-ligand Interaction
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [Homo sapiens (human)]
Official Symbol	TNFSF18
Synonyms	TNFSF18; tumor necrosis factor (ligand) superfamily, member 18; TL6; AITRL; GITRL; hGITRL; tumor necrosis factor ligand superfamily member 18; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; gl
Entrez Gene ID	8995
Protein Refseq	NP_005083
UniProt ID	Q9UNG2
Chromosome Location	1q23
Pathway	Cytokine-cytokine receptor interaction;
Function	cytokine activity; receptor binding; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding;