



Anti-GITR polyclonal antibody [Biotin] (DPABY-682)

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

PRODUCT INFORMATION

Antigen Description	GITR (glucocorticoid-induced tumor necrosis factor receptor), also named AITR (activation-inducible TNF receptor superfamily member) and TNFRSF18, is a 228 amino acid type I transmembrane protein belonging to the TNF receptor superfamily. The GITR cytoplasmic domain has striking similarity to the cytoplasmic domain of 4-1BB and CD27.
Specificity	Detects human GITR/TNFRSF18 in ELISAs and Western blots. In sandwich immunoassays, less than 0.3% cross-reactivity with recombinant mouse GITR, recombinant human (rh) 4-1BB, rhFas, rhHVEM, rhDR6, rhOPG, rhGITR Ligand, and rhCD27 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human GITR/TNFRSF18. Gln26-Glu161 (Thr45Ala) Accession Number Q9Y5U5
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
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, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	TNFRSF18 tumor necrosis factor receptor superfamily, member 18 [Homo sapiens (human)]
Official Symbol	TNFRSF18
Synonyms	TNFRSF18; tumor necrosis factor receptor superfamily, member 18; AITR; GTR; CD357; GTR-D; tumor necrosis factor receptor superfamily member 18; activation-inducible TNFR family receptor; glucocorticoid-induced TNFR-related protein; TNF receptor superfam
Entrez Gene ID	8784
Protein Refseq	NP_004186
UniProt ID	Q9Y5U5
Chromosome Location	1p36.3
Pathway	Cytokine-cytokine receptor interaction; Downstream signaling in naive CD8+ T cells;
Function	tumor necrosis factor-activated receptor activity;