



# Anti-GITR polyclonal antibody [Biotin] (DPABY-616)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	GITR (glucocorticoid-induced tumor necrosis factor receptor), also named AITR (activation-inducible TNFreceptor superfamily member) and TNFRSF18, is a 228amino acid typeI transmembrane protein belonging to the TNFreceptor superfamily. The GITR cytoplasmic domain has striking similarity to the cytoplasmic domain of 4-1BB and CD27.
<b>Specificity</b>	Detects mouse GITR/TNFRSF18 in ELISAs and Western blots. In sandwich immunoassays, less than 5%cross-reactivity with recombinant human GITR is observed and less than 0.2% cross-reactivity with recombinant mouse (rm)4-1BB, rmCD27, and rmLymphotoxin beta R is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse GITR/TNFRSF18. Met1-His153 Accession Number O35714
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

<b>Preservative</b>	None
<b>Storage</b>	Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C to - 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Tnfrsf18 tumor necrosis factor receptor superfamily, member 18 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	TNFRSF18
<b>Synonyms</b>	TNFRSF18; tumor necrosis factor receptor superfamily, member 18; AITR; Gitr; tumor necrosis factor receptor superfamily member 18; glucocorticoid-induced TNFR-related protein;
<b>Entrez Gene ID</b>	<a href="#">21936</a>
<b>Protein Refseq</b>	<a href="#">NP_033426</a>
<b>UniProt ID</b>	<a href="#">O35714</a>
<b>Chromosome Location</b>	4; 4 E
<b>Pathway</b>	Cytokine-cytokine receptor interaction;
<b>Function</b>	protein binding;