

Anti-GITR [YGITR765] Standard Size Ab00631-1.32

This antibody has a D265A mutation affecting Fc receptor engagement.

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1-D265A, Fc Silenced, Kappa

Clone Number: YGITR765

Alternative Name(s) of Target: CD357; Tumor necrosis factor receptor superfamily member 18; TNFRSF18; AITR; GITR-D; activation-inducible TNFR family receptor; AITR; glucocorticoid-induced tumor necrosis factor receptor

UniProt Accession Number of Target Protein:

Published Application(s): Block, FC

Published Species Reactivity: Mouse

Immunogen: nB2/6TG cells transfected with mouse GITR injected into DA rats.

Specificity: This antibody binds murine GITR.

Application Notes: A chimeric version of this antibody featuring a human IgG1 Fc-portion engineered to lack the N-linked glycosylation site at amino acid 297 was shown to enhance humoral immune responses by blocking GITR signalling (Ponte 2010).

Antibody First Published in: Cobbold et al. Induction of foxP3+ regulatory T cells in the periphery of T cell receptor transgenic mice tolerized to transplants. J Immunol. 2004 May 15;172(10):6003-10.

[PMID:15128783](#)

Note on publication: Describes the use of this antibody in flow cytometry.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.