

## Anti-GITR [YGITR765] Standard Size Ab00631-2.0

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 IgG2a, 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:** 200 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.