

In Vivo Grade Recombinant Anti-mouse GITR Rat IgG2a Lambda Monoclonal Antibody (Clone DTA-1)

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Catalog No.: YR0328

Basic Information

Molecular Weight

150kDa

Endotoxin

<1EU/mg (<0.001EU/μg) Determined by LAL gel clotting assay

Sterility

0.2 μm filtration

Aggregation

<5% Determined by SECP

Purity

>95% Determined by SDS-PAGE

Background

The rat anti-mouse GITR monoclonal antibody DTA-1 (rat IgG2b lambda) reacts with the mouse GITR protein (Glucocorticoid-Induced TNFR-Related protein or tumor necrosis factor receptor (TNFR) superfamily 18, TNFRSF 18). The DTA-1 monoclonal antibody reacts with the mouse GITR which is expressed predominantly by CD4+CD25+ T regulatory cells (Treg) and by CD25+ CD4+ CD8- thymocytes.

Reported Applications

Western blot, immunoprecipitation (IP), Flow Cytometry (FC), and various in vitro and in vivo functional assays.

Immunogen Information

Clone

DTA-1

Isotype

Rat IgG2a Lambda

Immunogen

GITR

Recommended Isotype Control(s)

Recommended Dilution Buffer

1×PBS

Contact

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Product Information

Production

Purified from cell culture supernatant in an animal-free facility

Purification

Protein A/G

Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)