# Anti-mouse GITR Antibody for Flow Cytometry (Clone: DTA-1, Human IgG1 Fc Silent Kappa) | PA007502.h1Fs

**Catalog No.:** PA007502.h1Fs | **Isotype:** Human IgG1 Fc Silent Kappa | **Flow Cytometry / In Vivo Grade**

Recombinant anti-mouse GITR monoclonal antibodies from the variable region sequences of the rat anti-mouse GITR monoclonal antibody (clone number: DTA-1) are produced from mammalian cells and good for in vitro and in vivo studies.

## Product Specifications

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| **Catalog No.** | PA007502.h1Fs |
| **Product Name** | Recombinant Anti-mouse GITR Monoclonal Antibody (Clone: DTA-1), Human IgG1 Fc Silent Kappa |
| **Synonyms** | Glucocorticoid-Induced TNFR-Related Protein, TNFRSF18; Tumor Necrosis Factor Receptor Superfamily Member 18 |
| **Clone & Isotype** | DTA-1. \| Human IgG1 Fc Silent Kappa |
| **Applications** | Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F). |
| **Reactivity & Specificity** | Mouse GITR protein. The recombinant DTA-1 antibody for Flow Cytometry specifically binds to mouse GITR protein. |
| **Source / Host** | The anti-mouse GITR monoclonal antibody (clone: DTA-1) for Flow Cytometry was produced in mammalian cells. |
| **Formulation & Conjugate** | 0.2 uM filtered solution, pH 7.4, containing 0.09% sodium azide. Non-conjugated. |
| **Purity** | **>95%** by SDS-PAGE under reducing conditions. |
| **Shipping** | The Recombinant Anti-mouse GITR Monoclonal Antibody (Clone: DTA-1) for Flow Cytometry, Human IgG1 Fc Silent Kappa is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below. |
| **Stability & Storage** | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, 2 to 8°C as supplied. Do not freeze it. |

## Biological Description & Background

Recombinant Human IgG1 Monoclonal Antibody with Fc silent mutation.

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, TNFRSF18). 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.

Engineered with a Human IgG1 Fc Silent domain, clone DTA-1 eliminates ADCC/CDC effector functions and prevents non-specific Fc receptor binding, providing an optimal Fc-silent reagent for high-precision flow cytometry, immunohistochemistry, and in vivo studies. Our recombinant DTA-1 antibodies have a part (variable regions) or complete amino acid sequences of the rat anti-mouse GITR monoclonal antibody (hybridoma clone name or number: DTA-1).

## Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** https://www.ushelf.com/anti-mouse-gitr-monoclonal-antibody-pa007502-h1fs/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com