

## TGF beta 1 antibody [MT517] (Biotin)

## Cat. No. GTX03003-02

|              |                       |         |
|--------------|-----------------------|---------|
| Host         | Mouse                 | Package |
| Clonality    | Monoclonal            | 250 µg  |
| Isotype      | IgG1                  |         |
| Applications | ELISA, Sandwich ELISA |         |
| Reactivity   | Human, Monkey         |         |

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ELISA              | Assay dependent      |
| Sandwich ELISA     | Assay dependent      |

**Note : Capture: GTX03004, Detection: GTX03003-02.**

Not tested in other applications.

**Product Note** This antibody is able to detect native and recombinant human latent Transforming Growth Factor- $\beta$ 1 (TGF- $\beta$ 1), binds to the Latency Associated Protein (LAP), which is a part of the latent TGF- $\beta$ 1 complex and does not bind to latent TGF- $\beta$ 2 or - $\beta$ 3.

## Properties

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS  |
| Preservative  | 0.02% Sodium azide   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.5 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Recombinant latent TGF- $\beta$ 1  |
| Purification  | Protein G purified<br>From tissue culture supernatant  |
| Conjugation   | Biotin<br>Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.   |



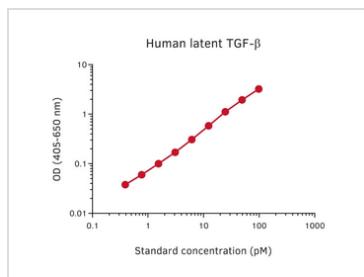
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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES****GTX03003-02 ELISA Image**

Sandwich ELISA analysis of human Latent TGF- beta1 protein using GTX03004 TGF beta 1 antibody [MT593] as coating antibody and GTX03003-02 TGF beta 1 antibody [MT517] (Biotin) as detecting antibody.



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