



## Monoclonal antibody anti-human TGF-beta 1

**Description:** Monoclonal antibodies were produced from a hybridoma using purified recombinant, insect cell derived, hTGF-beta-1. This IgG1k antibody was purified on a Protein G affinity column.

<b>Host species:</b>	Mouse
<b>Antigen:</b>	Recombinant human TGF-beta 1
<b>Purification:</b>	Protein A chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	none
<b>Formulation:</b>	lyophilized

**Reconstitution/Stability:** The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at  $-20^{\circ}\text{C}$ . **Avoid repeated freeze-thaw cycles.** When reconstituted in sterile water to a concentration of 1.0 mg/ml the antibody is stable for at least six weeks at  $2-4^{\circ}\text{C}$ .

### Application

**ELISA:** To detect hTGF-beta 1 by direct ELISA (using 100 $\mu\text{l}$ /well antibody solution) a concentration of at least 4-8 $\mu\text{g}/\text{ml}$  of this antibody is required. This monoclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.1 ng/ml of recombinant hTGF-beta 1.

**Western Blot:** To detect human TGF-beta 1 by Western Blot analysis this antibody can be used at a concentration of 2-4  $\mu\text{g}/\text{ml}$ .

**Stability: Usage:** Anti human TGF-beta 1 is offered for research use. Not for drug use. **Not for human use.**

**\*\* please note: always centrifuge vial before opening \*\***

**Catalogue number:** CYT-75344

**Size:** 500  $\mu\text{g}$

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