

# Anti-Human TGF-B (IB21) Antibody

**Product Code:** ICH5077A-0.1mg

**More Information**

**Species Reactivity:** Human

**Target:** TGF beta 1

**Concentration:** 5mg/ml

**Isotype:** Human IgG4 S228P Kappa

**Size:** 0.1mg

**UniProt:** P01137

**Shipping Conditions:** Blue ice

**background:** TGF-beta 1 is a master regulator of immune tolerance, extracellular-matrix deposition, and tumour-microenvironment biology, and a key target in fibrosis and immunoncology research. This human IgG4 (S228P) monoclonal antibody recognises and neutralises human TGF-beta 1 for pathway-blockade and detection studies. Anti-TGF-beta is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. Offered for research use only as a non-therapeutic reagent, it provides consistent lot-to-lot performance for TGF-beta signalling, fibrosis, and tumour-immunology research.

**Specificity:** Detects human TGFbeta1.

**Purification Method:** This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

**Purity:** >95% by SDS-PAGE

**Endotoxin:**  $\leq 1.0$  EU/mg as determined by the LAL method



**Storage:** This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

**Application Notes:** This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.