

Anti-Human TGF- β 1 Antibody

Catalog # ABG10540

Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Additional Information

Preparation	Produced in mice using highly pure recombinant human TGF- β 1 as the immunizing antigen. This IgG1 _k antibody was purified from cell culture by Protein G affinity chromatography.
WesternBlot	<p>To detect Human TGF-β1 by Western Blot analysis this antibody can be used at a concentration of 2.0-4.0 μg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human TGF-β1 is 2.0-4.0 ng/lane, under non-reducing conditions.</p> <p>In a dot blot, a 1:500 dilution of this antibody exhibited complete cross reactivity with Human TGF-β2 and TGF-β3 isotypes. Reduced cross reactivity was shown at a 1:1000 dilution.</p>
Sandwich	In a sandwich ELISA (assuming 100 μ /well), a concentration of 4.0-8.0 μ g/ml of this antibody will detect at least 100 pg/ml of recombinant Human TGF- β 1 when used in conjunction with compatible secondary reagents.
Immunohistochemistry	<p>This antibody stained formalin-fixed paraffin-embedded sections of human pancreas adenocarcinoma tissue. The recommended concentration is 5.0 μg/ml with an overnight incubation at 4$^{\circ}$C. An HRP-labeled polymer detection system was used with an alcohol-soluble AEC chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary. Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.</p> <small>*Additional Immunostaining data available. Please contact Tech Support for information.</small>
Formulation	A sterile filtered antibody solution was lyophilized from PBS.
Reconstitution	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
Storage	-20 $^{\circ}$ C
Precautions	Anti-Human TGF- β 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.