

Product datasheet for **AM01369PU-N**

TGF beta 1 (TGFB1) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<p>ELISA: In a sandwich ELISA (assuming 100µl/well), a concentration of 4.0-8.0 µg/ml of this antibody will detect at least 100 pg/ml of recombinant Human TGFB1 when used in conjunction with compatible secondary reagents.</p> <p>Western Blot: To detect Human TGFB1 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 TGFB1 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 TGFB2 and TGFB3 isotypes. Reduced cross reactivity was shown at a 1/1000 dilution.</p> <p>Immunohistochemistry on Paraffin Sections: 5.0 µg/ml with an overnight incubation at 4°C.</p> <p>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. <i>Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.</i></p>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Highly pure (> 98%) Insect cells derived recombinant Human TGFB1 (insect derived)
Specificity:	This antibody detects Human TGF-β1. Other species not tested.
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified IgG fraction from Tissue Culture Supernatant
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated



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Storage: Store lyophilized at 2-8°C for 6 months or at -20°C long term.
After reconstitution store the antibody undiluted at 2-8°C for one month
or (in aliquots) at -20°C long term.
Avoid repeated freezing and thawing.

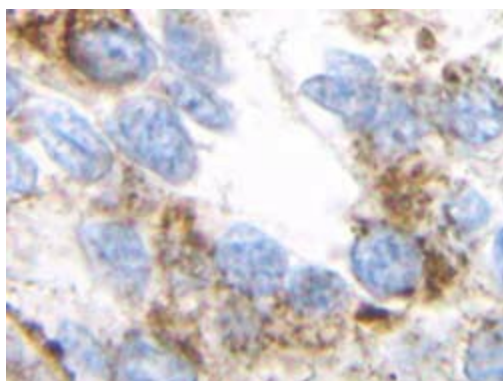
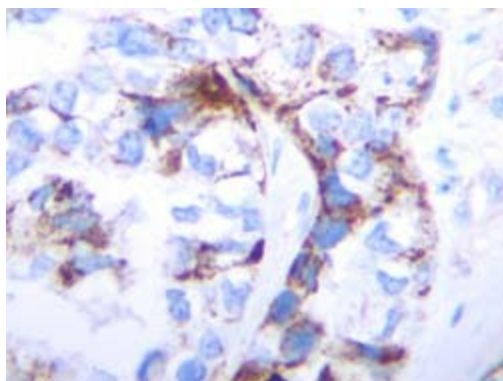
Stability: Shelf life: one year from despatch.

Gene Name: transforming growth factor beta 1

Database Link: [Entrez Gene 7040 Human P01137](#)

Synonyms: TGFB, Transforming growth factor beta-1, TGF-beta-1

Product images:



Formalin-Fixed Paraffin-Embedded Sections of Human pancreas adenocarcinoma tissue stained with TGFβ1 Antibody Cat.-No AM01369PU-N at 5.0 ug/ml with an overnight incubation at 4°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. Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.