

# TGF beta 1 antibody

**Cat. No. GTX29758**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, ELISA
<b>Reactivity</b>	Human

**Package**

50 µg

## Applications

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:100-1:500
ICC/IF	Assay dependent
IHC-P	Assay dependent
ELISA	1:10000-1:20000

Not tested in other applications.

**Calculated MW** 44 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	20mM Potassium Phosphate, 150mM NaCl
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	1.13 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids near the amino terminus of the mature growth factor (112 amino acids in length).
<b>Purification</b>	Purified by antigen-affinity chromatography. From serum
<b>Conjugation</b>	Unconjugated

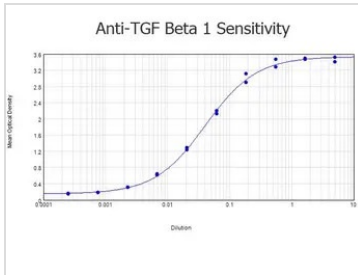


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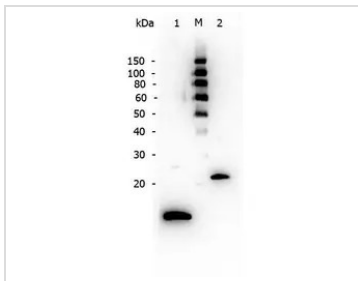
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**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**

**GTx29758 ELISA Image**

ELISA analysis of SA-conjugated immunizing peptide using GTx29758 TGF beta 1 antibody. Each well was coated in duplicate with 0.1 µg of conjugate.


**GTx29758 WB Image**

WB analysis of recombinant TGF Beta 1 proteins using GTx29758 TGF beta 1 antibody.

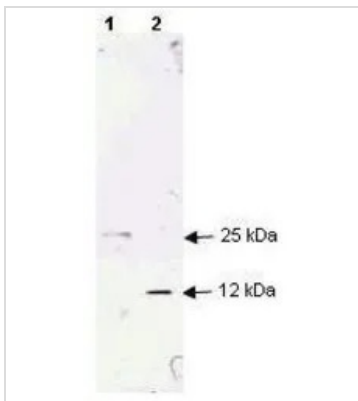
Lane 1 : Reduced recombinant TGF Beta 1

Lane 2 : Protein Ladder

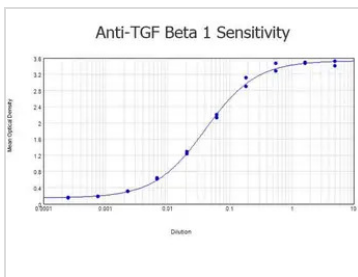
Lane 3 : Non-reduced recombinant TGF Beta 1

Loading : 250ng per lane

Dilution : 1:200


**GTx29758 WB Image**

Western blot analysis using GeneTex's Affinity Purified anti-TGF beta 1 antibody to detect human TGF beta 1. Each lane contains 250 ng of protein under non-reducing (lane 1) and reducing conditions (lane 2). Comparison to molecular weight markers (not shown) was used to estimate the indicated molecular weights. The blot was incubated with a 1:200 dilution of the antibody at room temperature for 1 h followed by detection using IRDyeR 800 labeled Goat-a-Rabbit IgG (H&L) diluted 1:2,500. IRDyeR 800 fluorescence image was captured using the OdysseyR Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.


**GTx29758 ELISA Image**

ELISA analysis of BSA-conjugated immunizing peptide using serially diluted GTx29758 TGF beta 1 antibody.

Coating : 0.1 µg



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