



## Rabbit anti TGF- $\beta$ 1 Polyclonal Antibody

Synonym: Transforming Growth Factor b1 (TGFb1)

### ANTIGEN PREPARATION

A Recombinant protein encoding human TGF beta 1 aa 177-391 expressed in E.Coli.

### PURIFICATION

The Rabbit IgG is purified by affinity purification

### FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer.

### STORAGE

The antibodies are stable for 12 months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . Upon initial thawing, apportion into working aliquots and store at  $-70^{\circ}\text{C}$  for up to six months. The antibodies can be stored at  $2^{\circ}\text{C}$ - $8^{\circ}\text{C}$  for one month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### SPECIFICITY

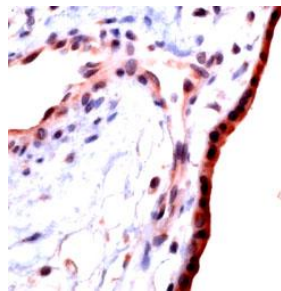
This antibody recognizes  $\sim 12.5$  kDa/39 kDa of TGF-beta 1. It reacts with human. The other species are not tested.

### APPLICATIONS AND SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 $\mu\text{g/ml}$
ELISA	0.01-0.1 $\mu\text{g/ml}$
Immunoprecipitation	2-5 $\mu\text{g/ml}$
IHC	2-5 $\mu\text{g/ml}$
Flow cytometry	Not tested

**Optimal dilutions should be determined by researchers for the specific applications.**

<b>MOLECULAR WEIGHT:</b>	$\sim 13.5/39$ kDa
<b>POSITIVE CONTROL:</b>	Placenta
<b>CELLULAR LOCATION:</b>	Membrane and cytoplasmic



**IHC:** Human placenta stained with Anti-TGF-beta 1 Antibody (Cat# 500-11264) at 1:25 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

**REFERENCE:** Bourdrel,L., Lin,C.H., Lauren,S.L., Elmore,R.H., Sugarman,B.J., Hu,S. and Westcott,K.R. Recombinant human transforming growth factor-beta 1: expression by Chinese hamster ovary cells, isolation, and characterization. Protein Expr. Purif. 4 (2), 130-140 (1993)

**FOR RESEARCH USE ONLY.**

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### Order Information

Description:	Rabbit anti TGF $\beta$ 1
Catalogue#:	500-11264
Lot#:	See the label
Size:	100 $\mu\text{g}/200$ ul
Host:	Rabbit
Clone:	N/A
Application:	ELISA, WB, IHC
Reactivity:	Hu



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