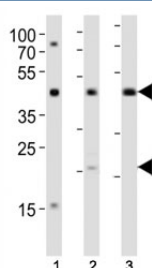


## TGFB1 Antibody (F53036)

Catalog No.	Formulation	Size
F53036-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53036-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P01137
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This TGFB1 antibody is available for research use only.



Western blot analysis of lysate from (1) K562, (2) L929 cell line and (3) rat lung tissue using TGFB1 antibody diluted at 1:1000. Predicted molecular weight: 44-50 kDa (precursor), ~25 kDa (active form).

## Description

Multifunctional protein that controls proliferation, differentiation and other functions in many cell types. Many cells synthesize TGFB1 and have specific receptors for it. It positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts.

## Application Notes

Titration of the TGFB1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This TGFB1 antibody was produced from a rabbit immunized with a recombinant protein of human TGFB1.

## **Storage**

Aliquot the TGFB1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.