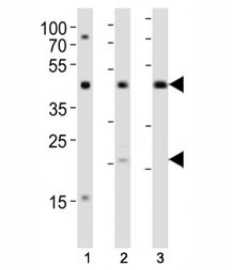
TGFB1 Antibody (F53036)

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

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P01137
Applications	Western blot: 1:1000
Limitations	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.

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