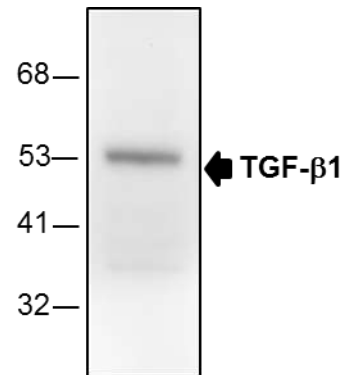


## Anti-TGF- $\beta$ 1 Antibody (3D9)

<b>CATALOG NO:</b>	A1338-100
<b>AMOUNT:</b>	100 $\mu$ g
<b>ALTERNATIVE NAMES:</b>	Transforming growth factor beta-1, TGF-beta-1, TGFB
<b>IMMUNOGEN:</b>	Recombinant human TGF- $\beta$ 1
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	3D9
<b>MOLECULAR WEIGHT:</b>	44 kDa
<b>HOST/ISOTYPE:</b>	Mouse IgG1k
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	Affinity purification
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Affinity purified anti-TGF- $\beta$ 1 monoclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol and 0.02% sodium azide.
<b>STORAGE CONDITIONS:</b>	Store at -20°C. For long term storage, aliquot and freeze at -80°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	TGF- $\beta$ 1 (transforming growth factor-beta) is a 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. It also stimulates sustained production of collagen through the activation of CREB3L1 by regulated intramembrane proteolysis.
<b>APPLICATION:</b>	WB: 1-4 $\mu$ g/ml

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of TGF- $\beta$ 1 in HepG2 cell lysate using TGF- $\beta$ 1 Antibody

### RELATED PRODUCTS:

- TGF-beta1, human recombinant (**Cat. No. 4342**)
- TGF-beta1 (rat) ELISA Kit (**Cat. No. K4344**)
- TGF-beta1 (mouse) ELISA Kit (**Cat. No. K4343**)
- TGF-beta1 (human) ELISA Kit (**Cat. No. K4342**)
- Human CellExp™ TGF-beta 1, Human Recombinant (**Cat. No. 6479**)
- Human CellExp™ Latent TGF-beta 1 / TGFB1, human recombinant (**Cat. No. P1088**)
- TGF- $\beta$ 1, human recombinant (*E. coli*) (**Cat. No. 7843**)
- TGF- $\beta$ 1 Blocking Peptide (**Cat. No. 5559BP**)
- TGF- $\beta$ 1 Antibody (**Cat. No. 5559**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**