



TGFβ1 Monoclonal Antibody

Catalog No	BYmab-15967
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TGFB1 TGFB
Protein Name	Transforming growth factor beta-1, TGF- β 1, TGF b
Immunogen	The antiserum was produced against synthesized peptide derived from human TGF beta1. AA range:336-385
Specificity	TGF β 1 Monoclonal Antibody detects endogenous levels of TGF β 1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Concentration Purity	1 mg/ml ≥90%
Purity	≥90%
Purity Storage Stability	≥90% -20°C/1 year
Purity Storage Stability Synonyms	≥90% -20°C/1 year TGFB1; TGFB; Transforming growth factor beta-1; TGF-beta-1
Purity Storage Stability Synonyms Observed Band	≥90% -20°C/1 year TGFB1; TGFB; Transforming growth factor beta-1; TGF-beta-1 44-55kD [Latency-associated peptide]: Secreted, extracellular space, extracellular matrix .;

Nanjing BYabscience technology Co.,Ltd

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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 osteob

Background

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate a latency-associated peptide (LAP) and a mature peptide, and is found in either a latent form composed of a mature peptide homodimer, a LAP homodimer, and a latent TGF-beta binding protein, or in an active form consisting solely of the mature peptide homodimer. The mature peptide may also form heterodimers with other TGFB family members. This encoded protein regulates cell proliferation, differentiation and growth, and can modulate expression and activation of other growth factors including interferon gamma and tumor necrosis factor alpha. This gene i

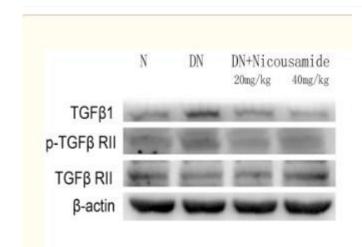
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TGF β 1 Monoclonal Antibody

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