



TGF beta 1 Rabbit pAb

db1315 Package: 20μL 50μL 100μL

Product Name: TGF beta 1 Rabbit pAb

Cat.No.: db1315

Synonyms: Tgfb; Tgfb-1; TGFbeta1; TGF-beta1

Application: WB

Reactivity: Human, Mouse, Rat

Host species: Rabbit

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 TGF-beta 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. Mice lacking a functional copy of this gene develop severe multifocal inflammatory disease, yolk sac defects and

colon cancer. [provided by RefSeq, Aug 2016]

Immunogen Recombinant protein of mouse TGF beta 1

Gene ID 21803

Swiss Prot P04202

Synonyms Tgfb; Tgfb-1; TGFbeta1; TGF-beta1

Reactivity Human, Mouse, Rat

Application WB

Recommended dilution WB: 1:1000

Calculated MW 44 kDa

Observed MW 44 kDa

Host species Rabbit

Clonality Polyclonal



For Research Use Only **Product Datasheet**

Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.