







## TGF beta 1 (DGR15235) Rabbit mAb

db15107 Package : 10μL 20μL 50μL 100μL

Product Name: TGF beta 1 (DGR15235) Rabbit mAb

Cat.No.: db15107

Synonyms: CED; LAP; DPD1; TGFB; TGFbeta

Application: WB, IHC-P

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 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 is frequently upregulated in

tumor cells, and mutations in this gene result in Camurati-Engelmann disease. [provided by

RefSeq, Aug 2016]

**Immunogen** Recombinant protein of human TGF beta 1

**Gene ID** 7040

Swiss Prot P01137

**Synonyms** CED; LAP; DPD1; TGFB; TGFbeta

Reactivity Human, Mouse, Rat

Application WB, IHC-P

Recommended dilution WB: 1:1000

IHC-P: 1:200-1:500

Calculated MW 44 kDa

Observed MW 44, 12 kDa

Host species Rabbit



## For Research Use Only **Product Datasheet**

**Clonality** Monoclonal

Clonality No. DGR15235

**Isotype** IgG

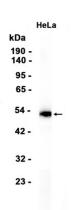
**Purity** Affinity Purification

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.

Western blot analysis of extracts from HeLa cells using db15107 at 1:1000.



Western blot analysis of extracts from A549,U2OS cells using db15107 at 1:1000.

