Recombinant DGRmAb®

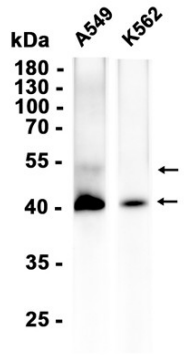
TGF beta 1/2 (DGR14990) Rabbit mAb (PBS Only)

db15172-PBS **Package : 10μg 100μg**

Product Name : TGF beta 1/2 (DGR14990) Rabbit mAb (PBS Only)
Cat.No.: db15172-PBS
Synonyms : CED; LAP; DPD1; TGFB; TGFbeta
Application : WB
Reactivity : Human,Mouse
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	A synthetic peptide of human TGF beta 1/2
Gene ID	7040
Swiss Prot	P01137
Synonyms	CED; LAP; DPD1; TGFB; TGFbeta
Reactivity	Human,Mouse
Application	WB
Calculated MW	44,48 kDa
Observed MW	44,48 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR14990
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from A549, K562 cells using db15172 at 1:1000.