Recombinant DGRmAb®

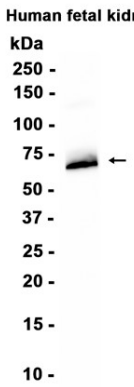
TGFBI (DGR32303) Rabbit mAb

db13525 **Package : 10μL 20μL 50μL 100μL**

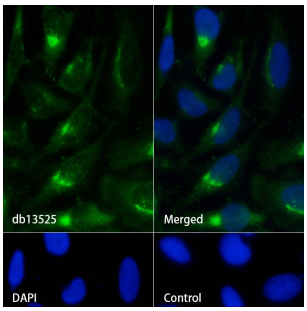
Product Name : TGFBI (DGR32303) Rabbit mAb
Cat.No.: db13525
Synonyms : CSD; CDB1; CDG2; CSD1; CSD2; CSD3; EBMD; LCD1; BIGH3; CDGG1
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene encodes an RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. This protein plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. The protein is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in this gene are associated with multiple types of corneal dystrophy. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human TGFBI
Gene ID	7045
Swiss Prot	Q15582
Synonyms	CSD; CDB1; CDG2; CSD1; CSD2; CSD3; EBMD; LCD1; BIGH3; CDGG1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100-1:200 ICC/IF: 1:50-1:100
Calculated MW	54 kDa
Observed MW	70 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32303
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 Human fetal kidney tissue using db13525 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling TGFBI with db13525.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db13525 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.