Recombinant DGRmAb®

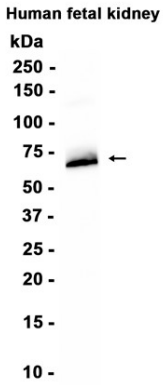
TGFBI (DGR32303) Rabbit mAb (PBS Only)

db13525-PBS **Package : 10μg 100μg**

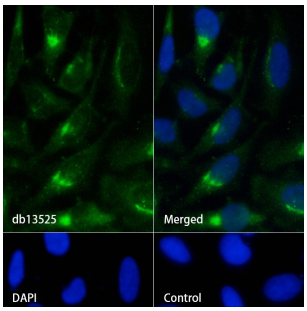
Product Name : TGFBI (DGR32303) Rabbit mAb (PBS Only)
Cat.No.: db13525-PBS
Synonyms : CSD; CDB1; CDG2; CSD1; CSD2; CSD3; EBMD; LCD1; BIGH3; CDGG1
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	54 kDa
Observed MW	70 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32303
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 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.