Recombinant DGRmAb®

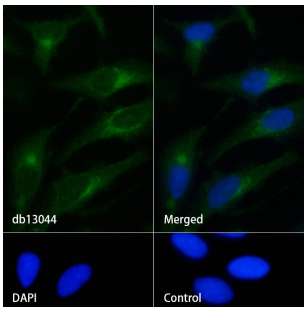
TGF beta Receptor II (DGR33771) Rabbit mAb

db13044 **Package : 10μL 20μL 50μL 100μL**

Product Name : TGF beta Receptor II (DGR33771) Rabbit mAb
Cat.No.: db13044
Synonyms : AAT3; FAA3; LDS2; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TBRII; TBR-ii; TGFR-2; TGFbeta-RII
Application : ICC/IF, FC
Reactivity : Human
Host species : Rabbit

Background	The protein encoded by this gene is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with TGF-beta receptor type-1, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of genes related to cell proliferation, cell cycle arrest, wound healing, immunosuppression, and tumorigenesis. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized. [provided by RefSeq, Aug 2017]
Immunogen	Recombinant protein of human TGF beta Receptor II
Gene ID	7048
Swiss Prot	P37173
Synonyms	AAT3; FAA3; LDS2; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TBRII; TBR-ii; TGFR-2; TGFbeta-RII
Reactivity	Human
Application	ICC/IF, FC
Recommended dilution	ICC/IF: 1:500-1:1000 FC: 1:20-1:50
Calculated MW	65 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR33771
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.



Immunofluorescence analysis of HeLa cells labelling TGF beta Receptor Ⅱ with db13044.

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 db13044 (1:500) 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.