

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

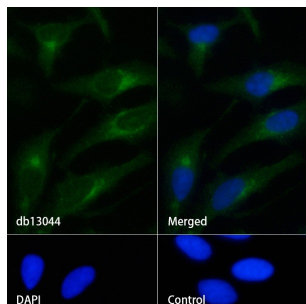
Clonality No.

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°C) 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.