

Recombinant

DGRmAb®

## TGF beta Receptor II (DGR33771) Rabbit mAb (PBS Only)

db13044-PBS

Package : 10µg 100µg

**Product Name** : TGF beta Receptor II (DGR33771) Rabbit mAb (PBS Only)**Cat.No.:** db13044-PBS**Synonyms** : AAT3; FAA3; LDS2; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TBRll; TBR-ii; TGFR-2; TGFbeta-Rll**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; TBRll; TBR-ii; TGFR-2; TGFbeta-Rll

**Reactivity**

Human

**Application**

ICC/IF, FC

**Calculated MW**

65 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR33771

**Isotype**

IgG

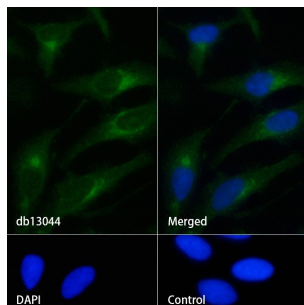
**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.



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 temperature 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.