

Recombinant

DGRmAb®

**Phospho-TGF beta Receptor II (Ser225) (DGR16007) Rabbit mAb**

db13939

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-TGF beta Receptor II (Ser225) (DGR16007) Rabbit mAb**Cat.No.:** db13939**Synonyms** : AAT3; FAA3; LDS2; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TGFR-2; TGFbeta-RII**Application** : WB**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**

A synthetic phosphopeptide corresponding to residues surrounding Ser225 of human TGF beta Receptor II

**Gene ID**

7048

**Swiss Prot**

P37173

**Synonyms**

AAT3; FAA3; LDS2; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TGFR-2; TGFbeta-RII

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:1000-1:5000

**Calculated MW**

65 kDa

**Observed MW**

85 kDa

**Host species**

Rabbit

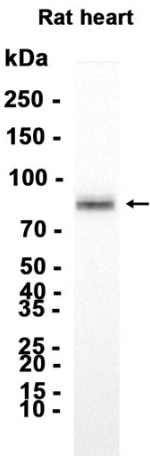
**Clonality**

Monoclonal

**Clonality No.**

DGR16007

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 Rat heart tissue using db13939 at 1:2000.