

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.