Recombinant DGRmAb®

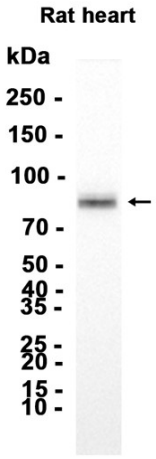
Phospho-TGF beta Receptor II (Ser225) (DGR16007) Rabbit mAb (PBS Only)

db13939-PBS **Package : 10μg 100μg**

Product Name : Phospho-TGF beta Receptor II (Ser225) (DGR16007) Rabbit mAb (PBS Only)
Cat.No.: db13939-PBS
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
Calculated MW	65 kDa
Observed MW	85 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16007
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	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.



Western blot analysis of extracts from Rat heart tissue using db13939 at 1:2000.