

A19124

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# TGF beta Receptor II Rabbit mAb

Catalog No.: A19124

Recombinant

1 Publications

## Basic Information

### Observed MW

70-80 kDa, 90 kDa

### Calculated MW

65kDa/67kDa/9kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC0407

## 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.

## Recommended Dilutions

**WB** 1:5000 - 1:15000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

7048

### Swiss Prot

P37173

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 23-130 of human TGF beta Receptor II (TGFB2) (TGFB2) (P37173).

### Synonyms

AAT3; FAA3; LDS2; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TBRII; TBR-ii; TGFR-2; tbetaR-II; TGFbeta-RII; TGF beta Receptor II (TGFB2)

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

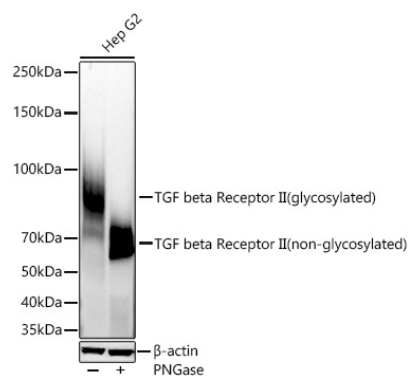
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from Hep G2 cells using TGF beta Receptor II Rabbit mAb (A19124) at 1:9000 dilution incubated overnight at 4°C. Hep G2 cells were treated by PNGase(1  $\mu$ L) at 37°C for 30 minutes.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30  $\mu$ g per lane.

Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.