## 12-9443: Anti-TGFBR2 antibody(DMC467); IgG1 Chimeric mAb

| Clonality : | Monoclonal |
| :--- | :--- |
| Clone Name: | DMC467 |
| Application : | FACS |
| Reactivity : | Human |
| Uniprot ID : | P37173 |
| Alternative Name : AAT3; FAA3; LDS1B; LDS2; LDS2B; MFS2; RIIC; TAAD2; TBR-ii; TBRII; TGFbeta-RII; TGFR-2 |  |
| Isotype: | Rabbit/Human Fc chimeric IgG1 |

## Description

Description :Anti-TGFBR2 antibody(DMC467); IgG1 Chimeric mAb
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]

## Product Info

## Amount :

## Purification :

Content :
$10 \mu \mathrm{~g} / 100 \mu \mathrm{~g}$
Purified from cell culture supernatant by affinity chromatography
Lyophilized from sterile PBS, pH 7.4. Normally $5 \%-8 \%$ trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Store at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$ for 12 months in lyophilized form. After reconstitution, if not intended

## Storage condition :

 for use within a month, aliquot and store at $-80^{\circ} \mathrm{C}$ (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
## Application Note

FACS 1:100


Figure 1. Flow cytometry analysis with Anti-TGFBR2 (DMC467) on Expi293 cells transfected with human TGFBR2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

