

PRODUCT INFORMATION

Clone ID **DMC467 Target** TGFBR2

AAT3; FAA3; LDS1B; LDS2; LDS2B; MFS2; RIIC; **Synonyms** TAAD2; TBR-ii; TBRII; TGFbeta-RII; TGFR-2

Host Species

Anti-TGFBR2 antibody(DMC467); IgG1 Chimeric **Description**

mAb Delivery In Stock **Uniprot ID** P37173

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Background

Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature,

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]

Usage Research use only Conjugate Unconjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

> > Email: info@dimabio.com Website: www.dimabio.com

DIMA Disclaimer actively scrutinizing all patent application to

ensure no IP infringement.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China)

/+86-400-006-0995(China)



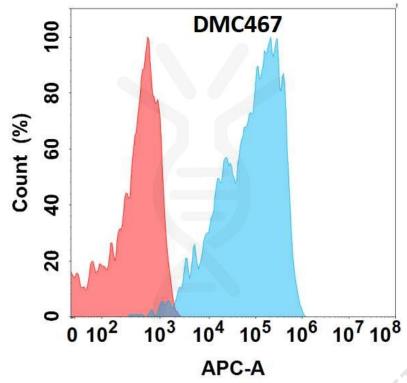


Figure 1. Flow cytometry analysis with Anti-TGFBR2 (DMC467) on HEK293 cells transfected with human TGFBR2 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

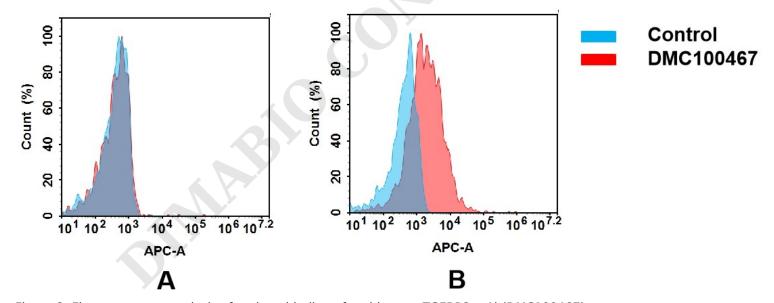
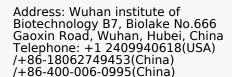


Figure 2. Flow cytometry analysis of antigen binding of anti-human TGFBR2 mAb(DMC100467). (A) DMC100467 does not bind to CHO-S cells that do not express TGFBR2. (B) A clear peak shift of DMC100467 was seen compared to the control when incubated with TGFBR2-expressing hepG2 cells, indicating strong binding of DMC100467 to TGFBR2. Antibodies were incubated at 5 μ g/ml.



Email: info@dimabio.com Website: www.dimabio.com

