

## **PRODUCT INFORMATION**

Warning: Undefined variable ShasAttributeValueDescription in C:\www.root\mirror.dimablo.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806 bMC467 Clone ID

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

Host Species Rabbit

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

In Stock

Delivery

Uniprot ID P37173

Rabbit/Human Fc chimeric IgG1 lgG type

Clonality Monoclonal Reactivity Human Application Flow Cyt Recommend Dilutions Flow Cyt 1:100

Purification Purified from cell culture supernatant by affinity chromatography

Formulation & Reconstitution 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.

Storage & Shipping

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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at amblient 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 gene have been associated with Marfan Syndrome; Loeys-Dettz Aoritic 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]

Research use only Background

Usage

Coniugate

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 actively scrutinizing all patent application to ensure no IP infringement. DIMA Disclaime

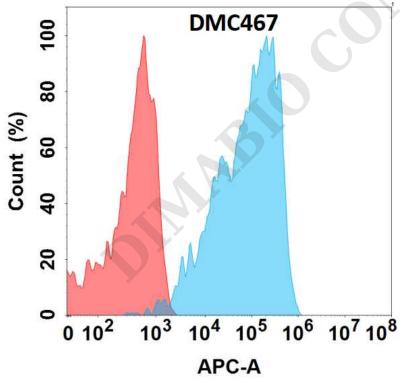


Figure 1. Flow cytometry analysis with Anti-TGFBR2 (DMC467) on HEK293 cells transfected with human TGFBR2 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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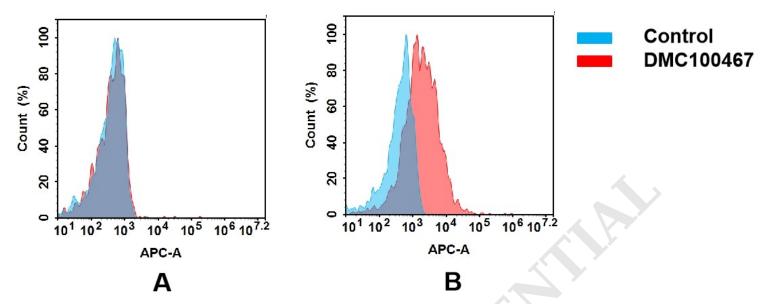
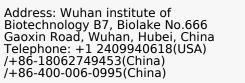


Figure 2. Flow cytometry analysis of antigen binding of anti-human TGFBR2 mAb(DMC100467). (A) DMC100467 does not bind to CHO-S cells that do not express TGFBR2. (B) A clear peak shift of DMC100467 was seen compared to the control when incubated with TGFBR2-expressing hepG2 cells, indicating strong binding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



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