

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 bMC493 Clone ID

ADMCKD; ADMCKD1; CA 15-3; CD227; EMA; H23AG; KL-6; MAM6; MCD; MCKD; MCKD1; MUC-1; MUC-1/SEC; MUC-1/X; MUC1/ZD; PEM; PEMT; PUM Synonyme

Host Species

Anti-MUC1 antibody(DMC493); IgG1 Chimeric mAb Description

Delivery In Stock Uniprot ID P15941

Rabbit/Human Fc chimeric IgG1 lgG type

Flow Cyt 1:100

Clonality Monoclonal Reactivity Human Application Flow Cyt Recommend Dilutions

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 ambient temperature of the protein of the protein start play an essential role in forming protective mucous barriers on epithelial surfaces. These proteins also play a role in intracellular signaling. This protein is expressed on the apical surface of epithelial cells that line the mucosal surfaces of many different tissues including lung, breast stomach and pancreas. This protein is expressed in the proteolytically cleaved into alpha and beta subunits that form a heterodimeric complex. The k-terminal alpha subunit functions in cell-adhesion and the been associated with carcinomas. This gene is known to contain a highly polymorphic variable number tandem repeats (VMTR) domain. Alternate splicing results in multiple transcript variants.

Conjugate Unconjugated

Background

DIMA Disclaimer 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.

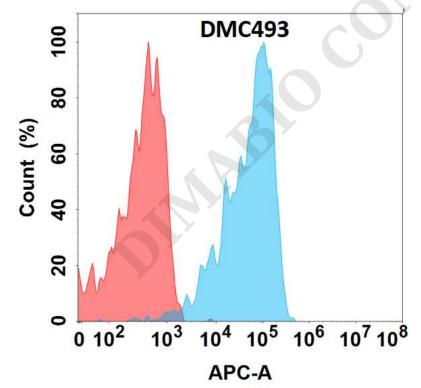


Figure 1. Flow cytometry analysis with Anti-MUC1 (DMC493) on HEK293 cells transfected with human MUC1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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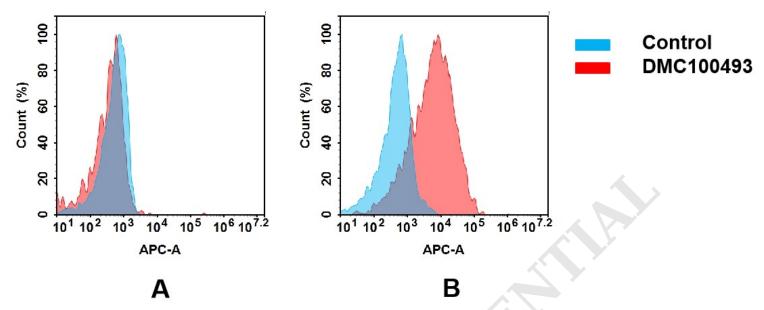


Figure 2. Flow cytometry analysis of antigen binding of anti-human MUC1 mAb(DMC100493).

(A) DMC100493 does not bind to 293T cells that do not express MUC1. (B) A clear peak shift of DMC100493 was seen compared to the control when incubated with MUC1-expressing Hela cells, indicating strong binding of DMC100493 to MUC1. Antibodies were incubated at 5 μ g/mL.

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