

PRODUCT INFORMATION

Warning: Undefined variable ShasAttributeValueDescription in C:\www.root\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806 bMC269 Clone ID

CD44;CDW44;CSPG8;ECMR-III;HCELL;HUTCH-I;IN;LHR;MC56;MDU2;MDU3;MIC4;Pgp1;Epican Synonyme

Host Species

Anti-CD44 antibody(DMC269); IgG1 Chimeric mAb Description Delivery In Stock

Uniprot ID P16070

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 freeign and thawing). Lyophilized proteins are shipped at ambient temperature.

The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions; cell adhesion and ingration. It is a receptor for hyaluronic acid (Rh) and can also interact with other ligands; such as steteponthis; collagens; and matrix metallogroteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation; recirculation and homing; hematopolesis; and tumor metastasis. Transcripts for this gene underever; the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.

Usage Research use only

Inconjugated
All DIMA recombinant antibodies are genuinely generated by DIMA Blotech. 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 Disclaimer

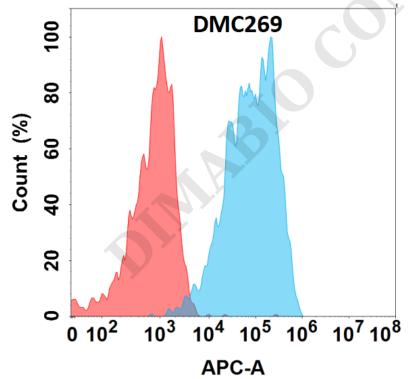


Figure 1. Flow cytometry analysis with Anti-CD44 (DMC269) on HEK293 cells transfected with human CD44 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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Cat. No. DMC100269



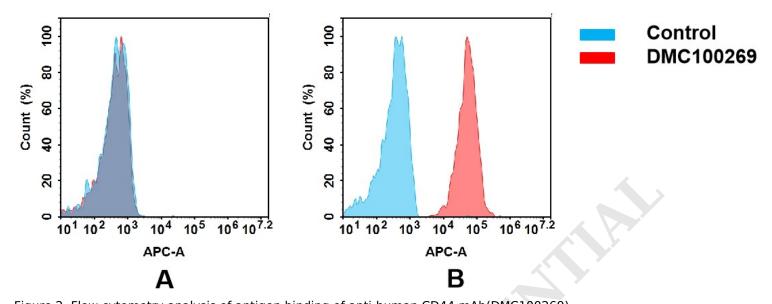


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD44 mAb(DMC100269). (A) DMC100269 does not bind to CHO-S cells that do not express CD44. (B) A clear peak shift of DMC100269 was seen compared to the control when incubated with CD44-expressing THP-1 cells, indicating strong binding of DMC100269 to CD44. Antibodies were incubated at 5 μ g/mL.

