

PRODUCT INFORMATION

Warning: Undefined variable ShasAttributeValueDescription in C:\u00e4wroot\u00e4mirror.dimablo.com\u00e4wp-content\plugins\u00e4woocommerce-print-products\u00e4public\u00e7class-woocommerce-print-products-public.php on line 2806
bu28 Clone ID

CD38

T10; cADPr hydrolase 1

Host Species Rabbit

Anti-CD38 antibody(DM28); Rabbit mAb Description

Delivery In Stock

Uniprot ID P28907 IgG type Rabbit IgG Clonality Monoclonal

Reactivity Human ELISA; IHC; WB; Flow Cyt Application Recommend Dilutions ELISA 1:5000-10000; 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 ambient temperature.

Co antigen CD38 is also known as APP-ribosy (cyclase 1; which belongs to the ADP-ribosy (cyclase family, CD38 is coursesaed at high levels in parcress, and the control of the control of the cyclase family. CD38 is also known as APP-ribosy (cyclase 1; which belongs to the APP-ribosy (cyclase family). The control of the cyclase family is a multifunction at a multifunction and talkyeas the synthesis and hydrolysis of cyclic ADP-ribose (cADPR) from NAD for ADP-ribose. These reaction products are essential for the regulation of intracellular Ca2. The loss of CD38 function is associated within impaired immure responses; metabolic disturbances; and behavior and the control of the cyclase family and the cyclase family and

Usage Research use only

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

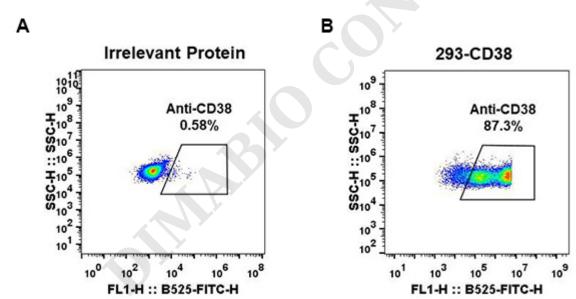


Figure 1. HEK293 cell line transfected with irrelevant protein (left) and human CD38 (right) were surface stained with Rabbit anti-CD38 monoclonal antibody $1\mu g/ml$ (clone: DM28) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

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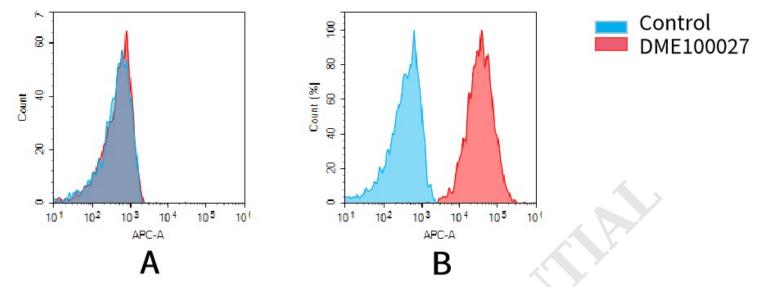


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human CD38 mAb (DME100027). (A) DME100027 does not bind to 293T cells that do not express CD38. (B) A clear peak shift of DME100027 was seen compared to the control when incubated with CD38-expressing H929 cells, indicating strong binding of DME100027 to CD38. Antibodies were incubated at 5 μ g/mL.

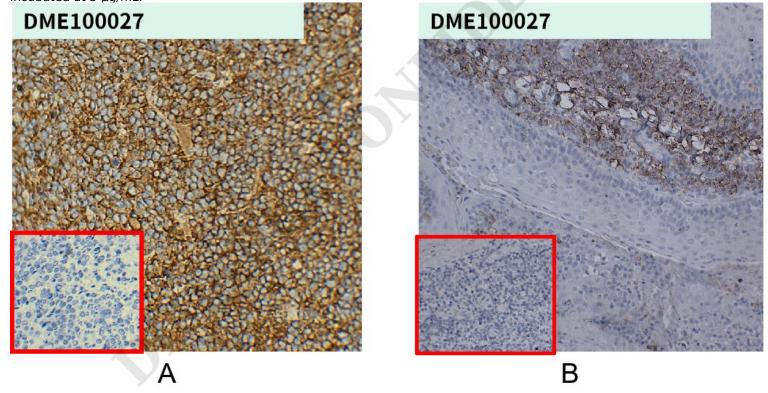


Figure 3. A. DME100027 at $5\mu g/ml$ staining CD38 in RPMI-8226 MM xenografts in NSG mice by IHC (SKU# DME100027); B: DME100027at $5\mu g/ml$ staining CD38 in human tonsil tissue by IHC (SKU# DME100027);

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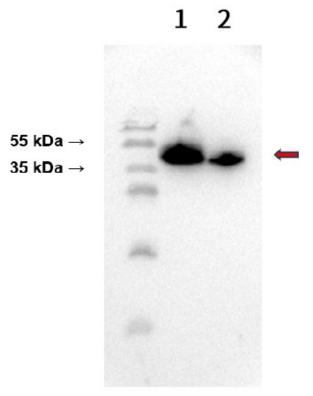


Figure 4. Western blot analysis of CD38 protein using Anti-CD38 antibody (Cat. DME100027) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H L) at 1:5000 dilution.

1. MM.15 cell lysate (native CD38 protein)

2. H929 cell lysate (native CD38 protein)

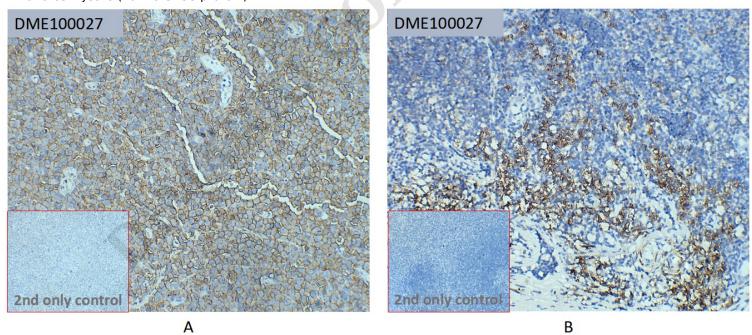
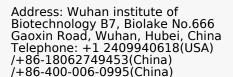


Figure 5. A. DME100027 at $10\mu g/ml$ staining CD38 in M-NSG Daudi DiSliceXTM SlideSet section by IHC (SKU# DME100027);B. DME100027 at $10\mu g/ml$ staining CD38 in human tonsil tissue by IHC (SKU# DME100027).



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