

## PRODUCT INFORMATION

<b>Clone ID</b>	DMC367
<b>Target</b>	ICAM-1
<b>Synonyms</b>	ICAM1;BB2;CD54;P3.58
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-ICAM-1 antibody(DMC367); IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P05362
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a : CD18; or CD11b : CD18 and is also exploited by Rhinovirus as a receptor.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	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 scr



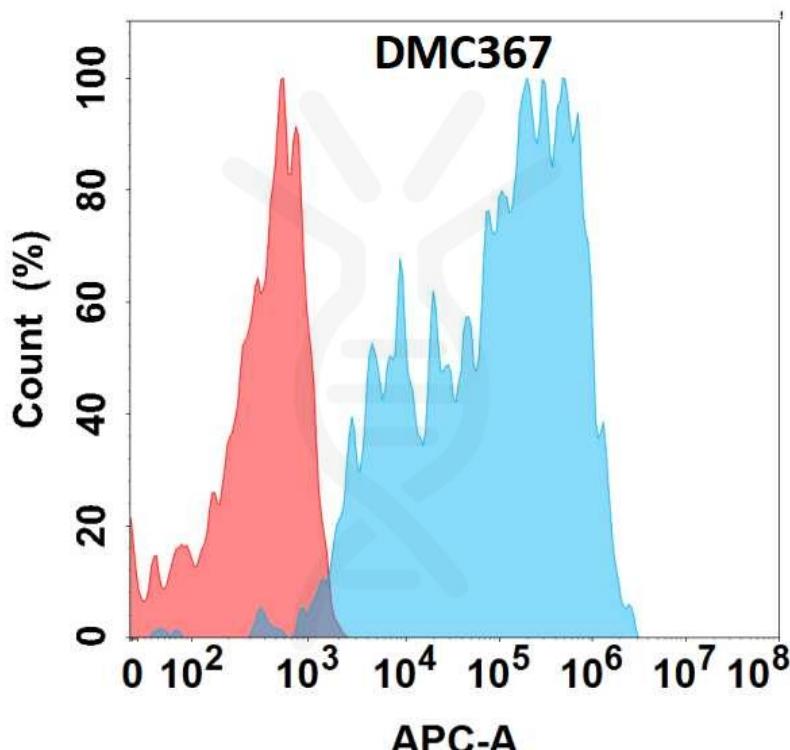


Figure 1. Flow cytometry analysis with Anti-ICAM1 (DMC367) on HEK293 cells transfected with human ICAM1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

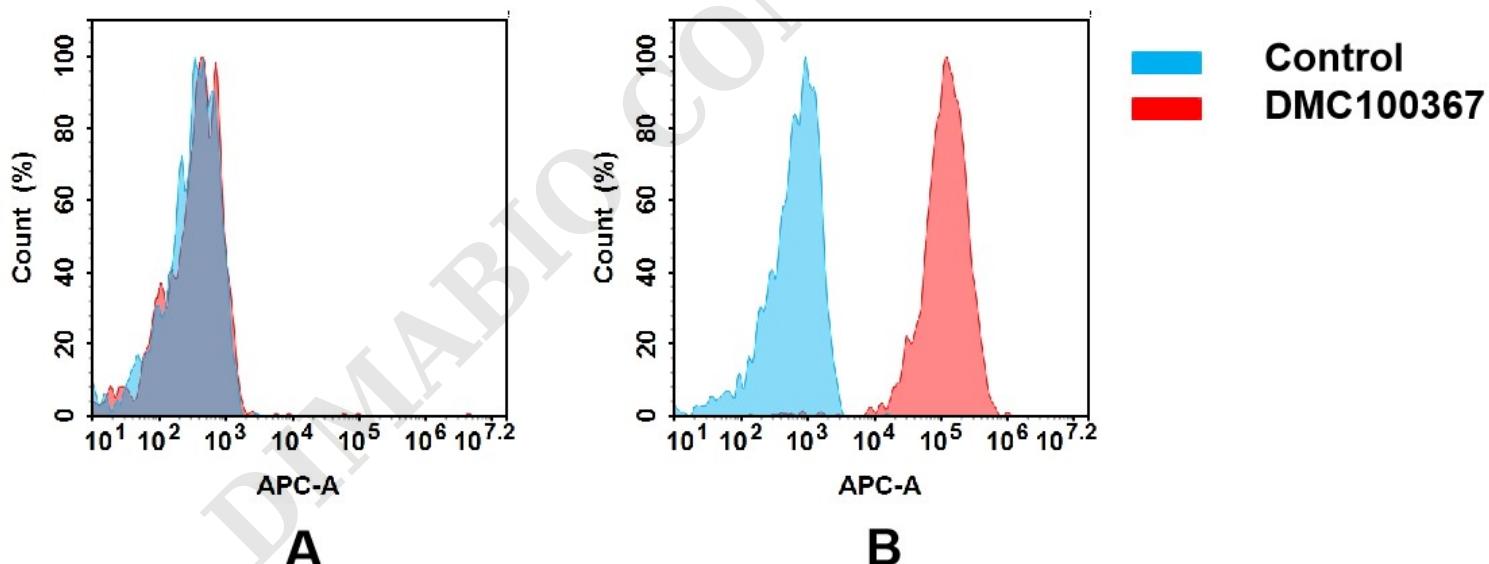


Figure 2. Flow cytometry analysis of antigen binding of anti-human ICAM-1 mAb(DMC100367).

(A) DMC100367 does not bind to CHO-S cells that do not express ICAM-1.

(B) A clear peak shift of DMC100367 was seen compared to the control when incubated with ICAM-1-expressing Siha cells, indicating strong binding of DMC100367 to ICAM-1. Antibodies were incubated at 5  $\mu$ g/mL.

