

**PRODUCT INFORMATION**

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|---|---|
| <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  |



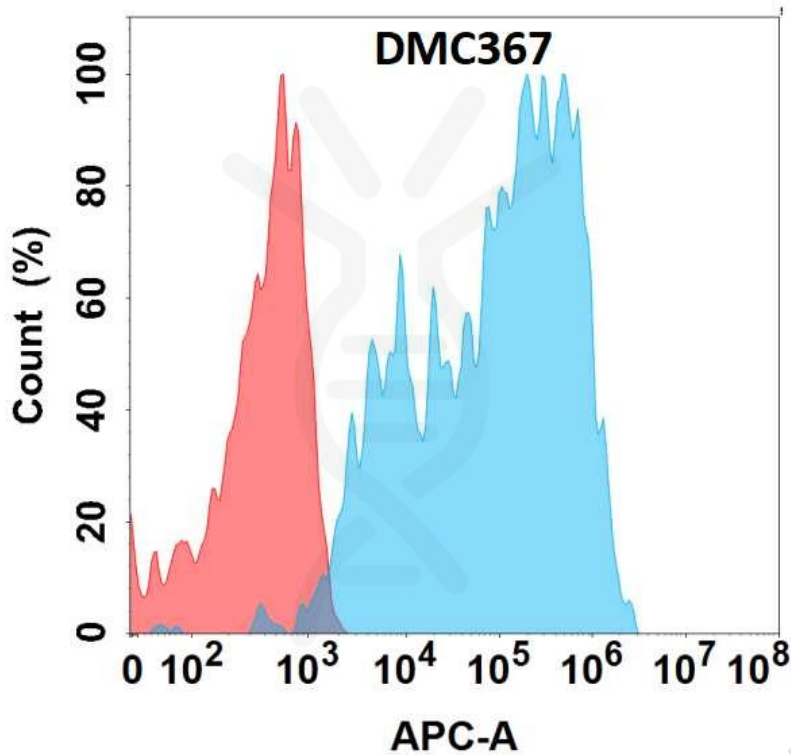


Figure 1. Flow cytometry analysis with Anti-ICAM1 (DMC367) on Expi293 cells transfected with human ICAM1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

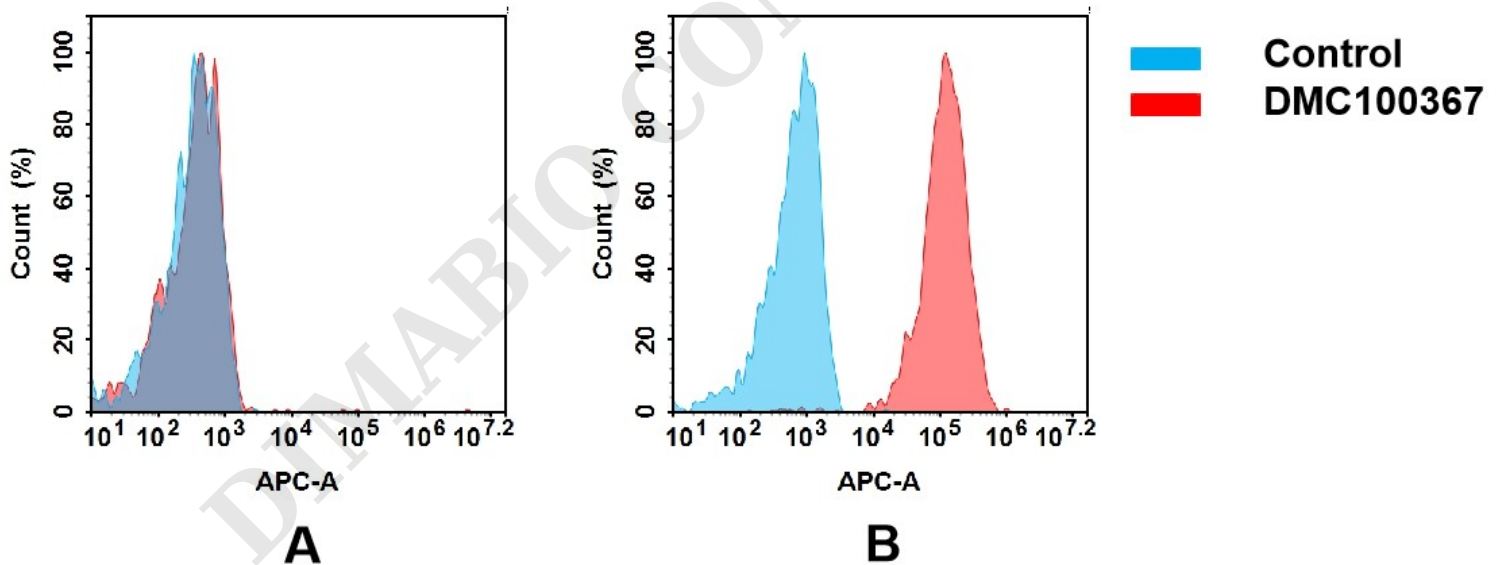


Figure 2. Flow cytometry analysis of antigen binding of anti-human ICAM-1 mAb(DMC100367).

(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.

