## PRODUCT INFORMATION

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|---|---|
| **Clone ID** | DMC367 |
| **Target** | ICAM-1 |
| **Synonyms** | ICAM1;BB2;CD54;P3.58 |
| **Host Species** | Rabbit |
| **Description** | Anti-ICAM-1 antibody(DMC367); IgG1 Chimeric mAb |
| **Delivery** | In Stock |
| **Uniprot ID** | P05362 |
| **IgG type** | Rabbit/Human Fc chimeric IgG1 |
| **Clonality** | Monoclonal |
| **Reactivity** | Human |
| **Applications** | Flow Cyt |
| **Recommended 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** | 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. |
| **Background** | 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. |
| **Usage** | Research use only |



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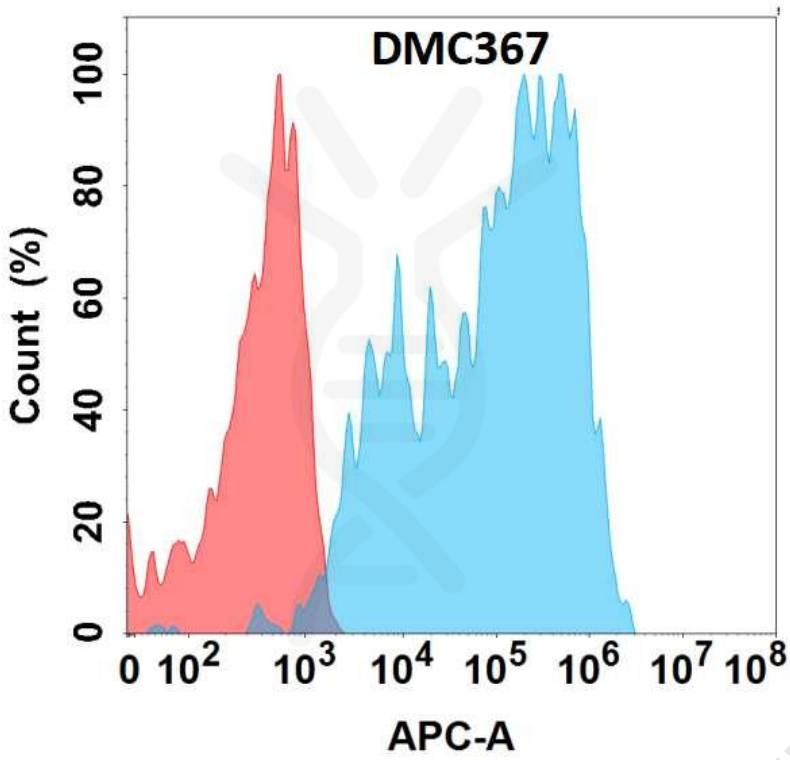


Figure 1. Flow cytometry analysis with Anti-ICAM1 (DMC367) on Expi293 cells transfected with human ICAM1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

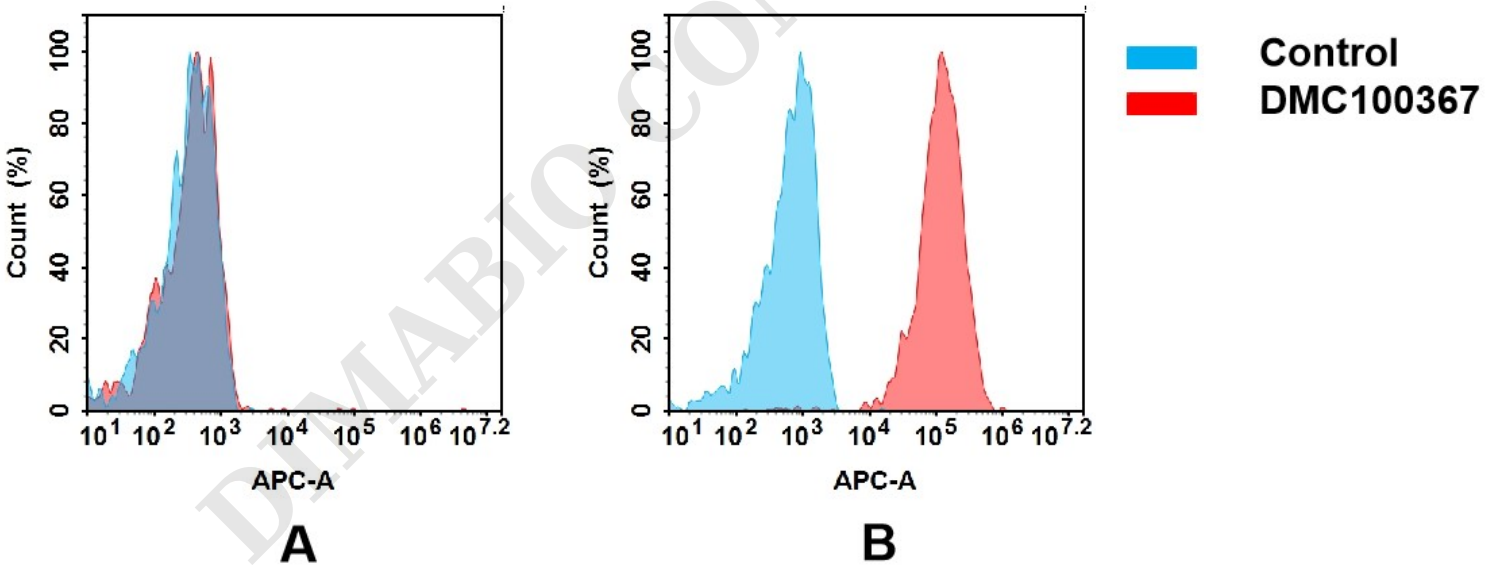


Figure 2. Flow cytometry analysis of antigen binding of anti-human ICAM-1 mAb(DMC100367).
(A) DMC100367 does not bind to CHO-S cells that do not express ICAM-1.
(B) A clear peak shift of DMC100367 was seen compared to the control when incubated with ICAM-1-expressing Siha cells, indicating strong binding of DMC100367 to ICAM-1. Antibodies were incubated at 5 μg/mL.



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