

PRODUCT INFORMATION

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
Conjugate	Unconjugated



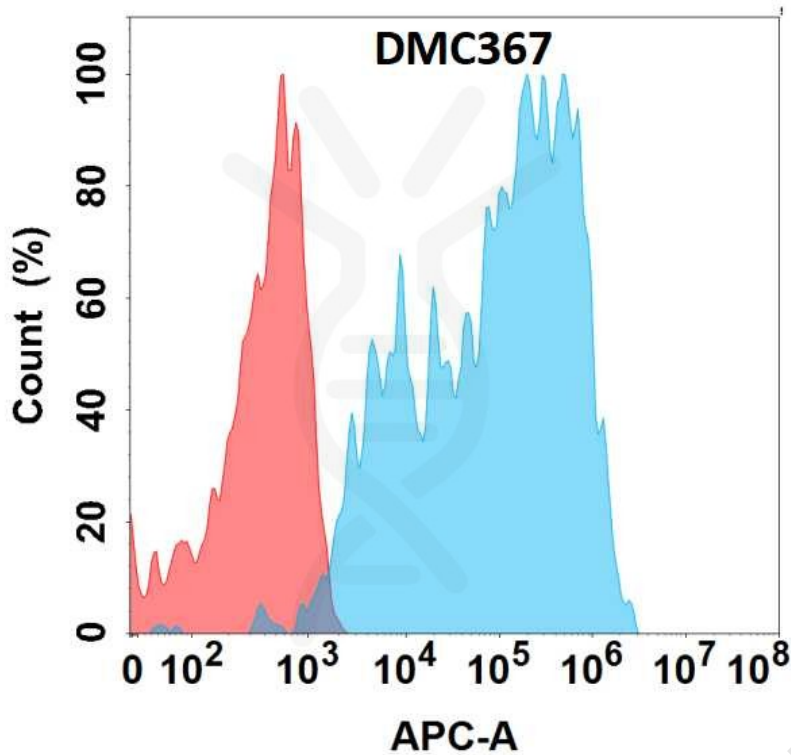


Figure 1. Flow cytometry analysis with Anti-ICAM1 (DMC367) on Expi293 cells transfected with human ICAM1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

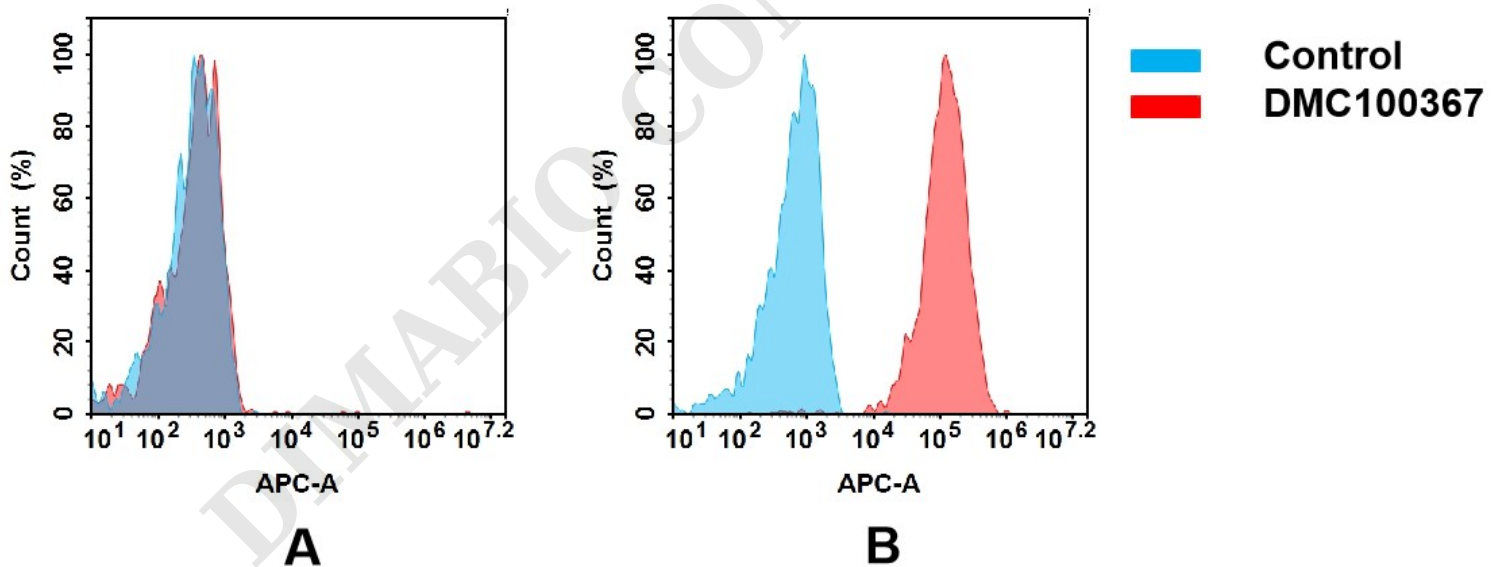


Figure 2. Flow cytometry analysis of antigen binding of anti-human ICAM-1 mAb(DMC100367).

(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 μ g/mL.

