

**PRODUCT INFORMATION**

<b>Clone ID</b>	5B10
<b>Target</b>	CD93
<b>Synonyms</b>	C1qR(P);C1QR1;C1qRP;CDw93;dJ737E23.1;EC3M3;MXRA4
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-CD93 antibody(5B10), IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9NPY3
<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>	The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. [provided by RefSeq, Jul 2008]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



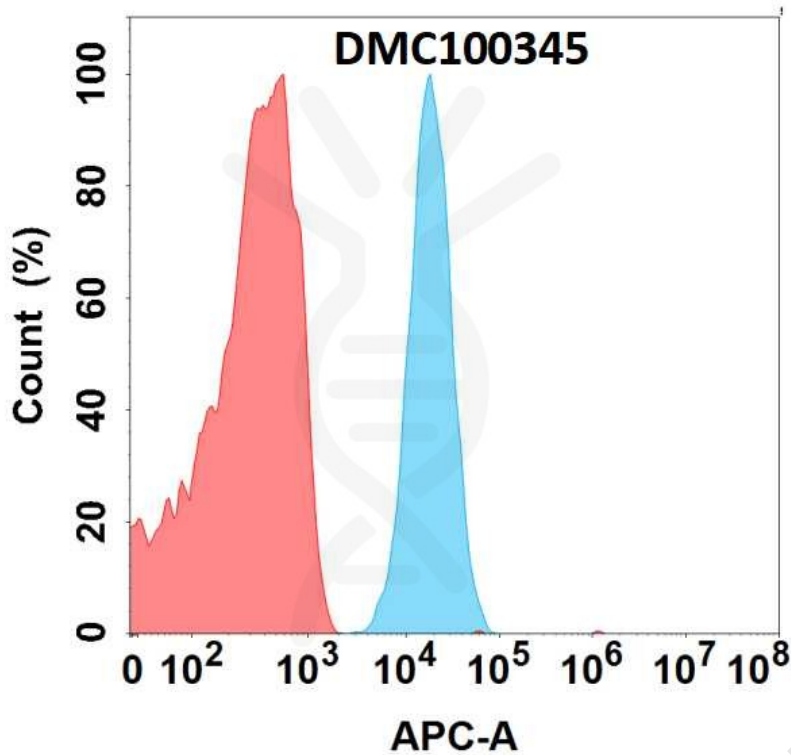


Figure 1. Flow cytometry analysis with 1 $\mu$ g/mL Anti-CD93 (5B10) mAb on U-937 cells.

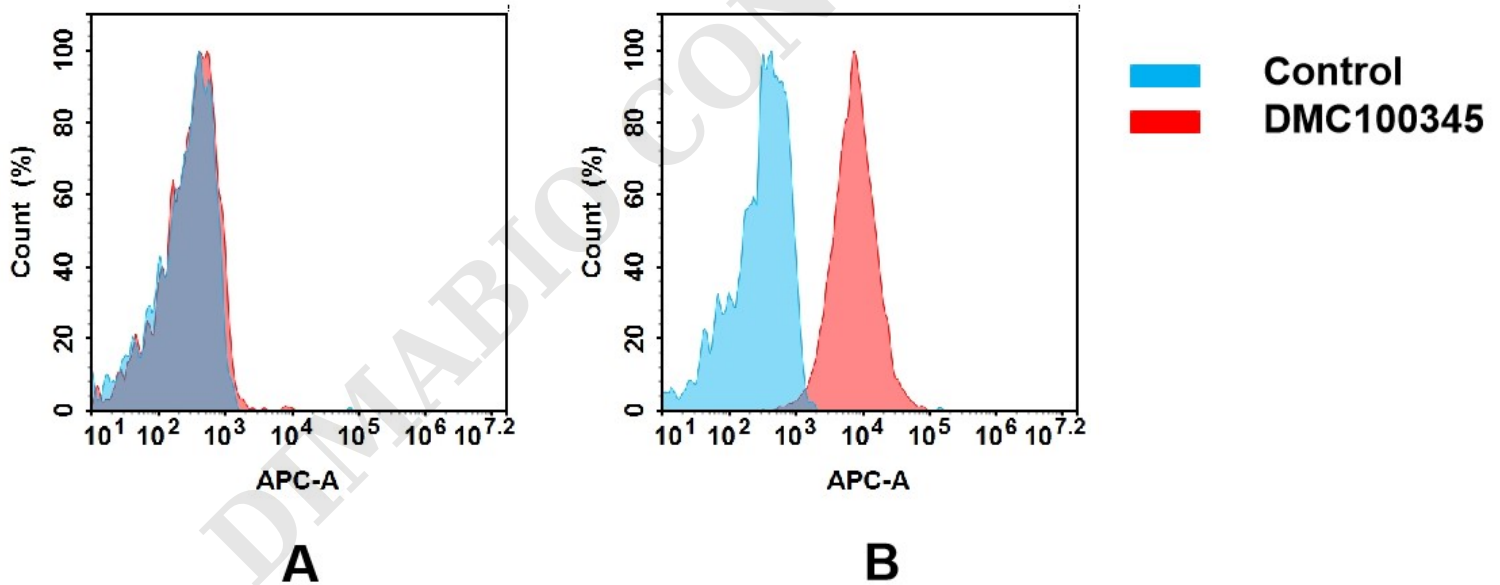


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD93 mAb(DMC100345).

(A) DMC100345 does not bind to Jurkat cells that do not express CD93.

(B) A clear peak shift of DMC100345 was seen compared to the control when incubated with CD93-expressing THP-1 cells, indicating strong binding of DMC100345 to CD93. Antibodies were incubated at 5  $\mu$ g/mL.

