PRODUCT INFORMATION

Clone ID	5B10
Target	CD93
Synonyms	C1qR(P);C1QR1;C1qRP;CDw93;dJ737E23.1;ECSM3;MXRA4
Host Species	Rabbit
Description	Anti-CD93 antibody(5B10), IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q9NPY3
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
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	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]
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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

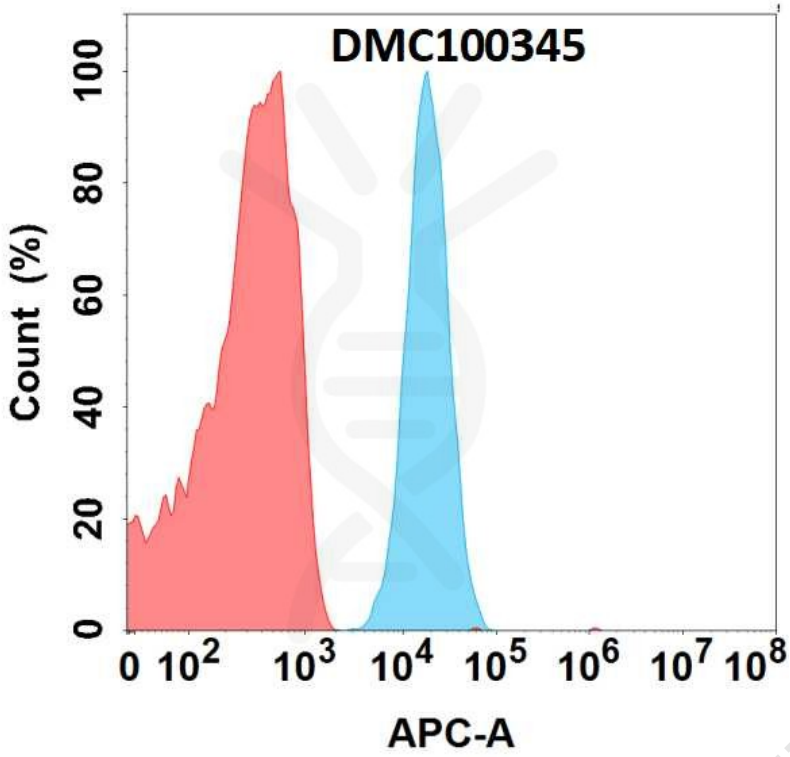

Figure 1. Flow cytometry analysis with 1μg/mL Anti-CD93 (5B10) mAb on U-937 cells.

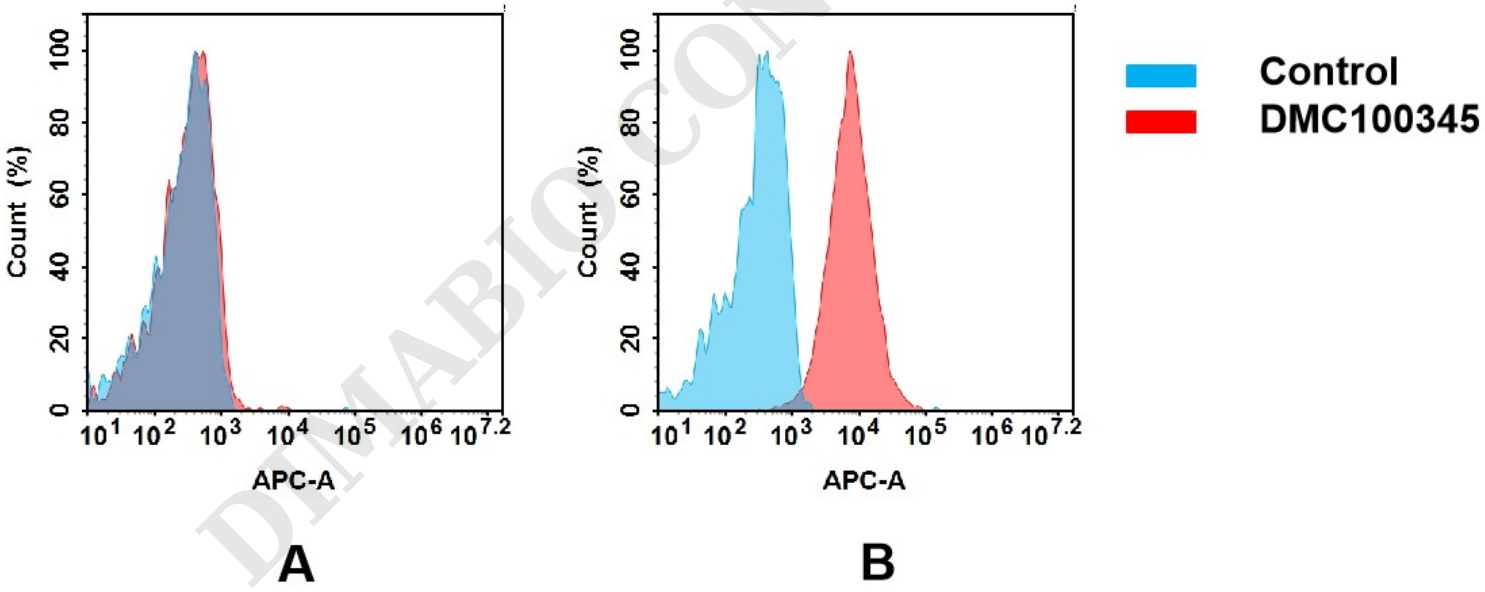

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD93 mAb(DMC100345).

(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 μg/mL.