PRODUCT INFORMATION

Clone ID	DMC285
Target	CD96
Synonyms	TACTILE
Host Species	Rabbit
Description	Anti-CD96 antibody(DMC285); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P40200
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	The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing generates multiple transcript variants encoding distinct isoforms.
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 scrutinizing all patent application to ensure no IP infringement.

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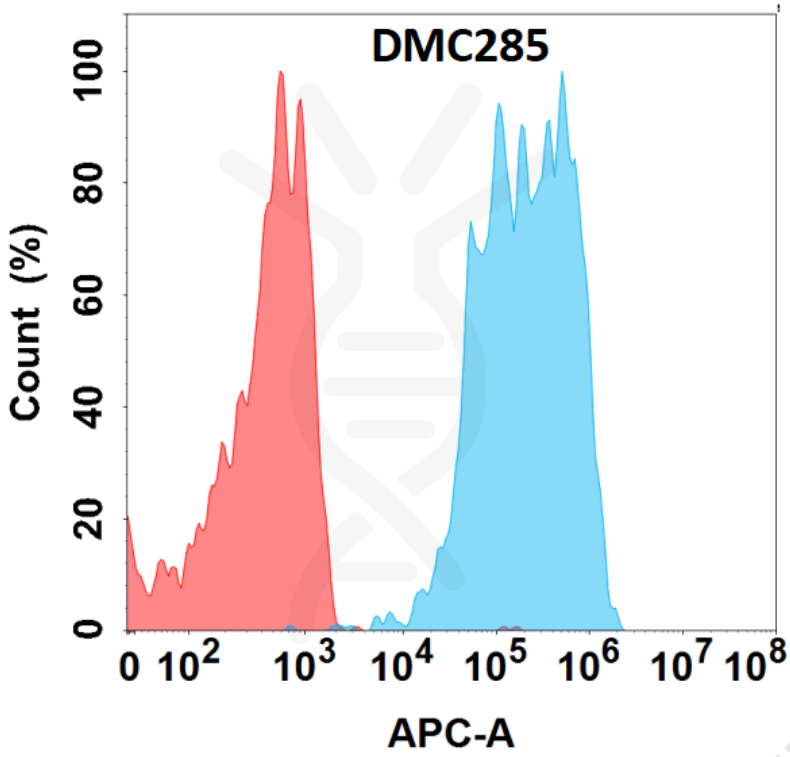

Figure 1. Flow cytometry analysis with Anti-CD96 (DMC285) on HEK293 cells transfected with human CD96 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

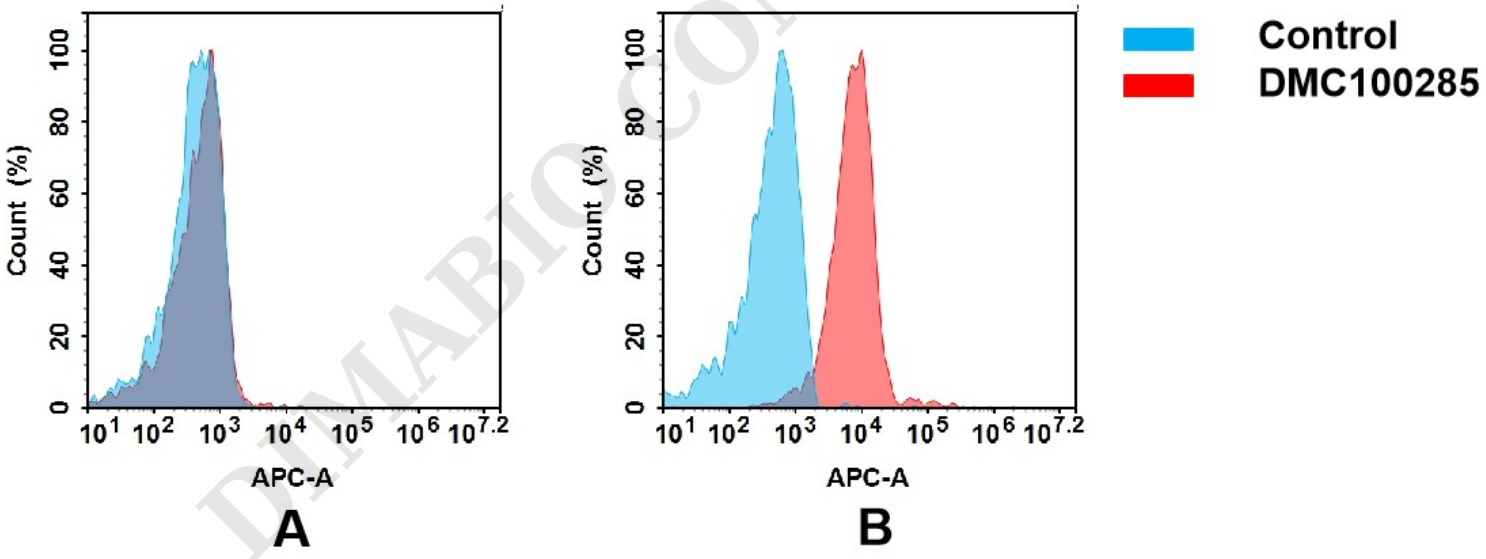

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD96 mAb(DMC100285).
(A) DMC100285 does not bind to CHO-S cells that do not express CD96.
(B) A clear peak shift of DMC100285 was seen compared to the control when incubated with CD96-expressing HUT78 cells, indicating strong binding of DMC100285 to CD96. Antibodies were incubated at 5 μg/mL.

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