PRODUCT INFORMATION

Clone ID	DMC683
Target	TENM4
Synonyms	Doc4; ETM5; ODZ4; ten-4; Ten-M4; TEN4; TNM4
Host Species	Rabbit
Description	Anti-TENM4 antibody(DMC683); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q6N022
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 plays a role in establishing proper neuronal connectivity during development. Defects in this gene have been associated with hereditary essential tremor-5. [provided by RefSeq; Oct 2016]
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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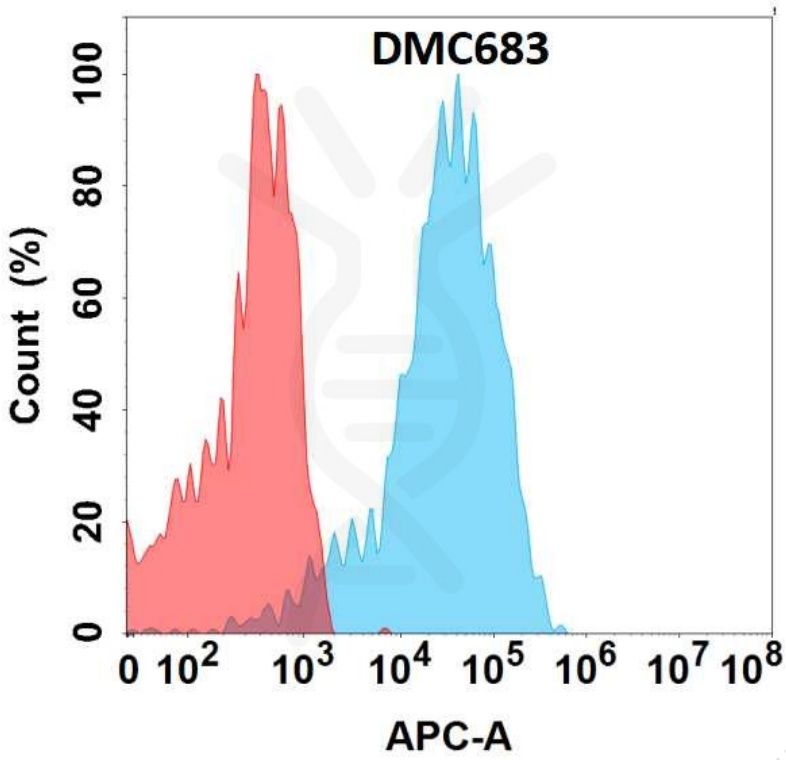

Figure 1. Flow cytometry analysis with Anti-TENM4(DMC683) on HEK293 cells transfected with human TENM4(Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

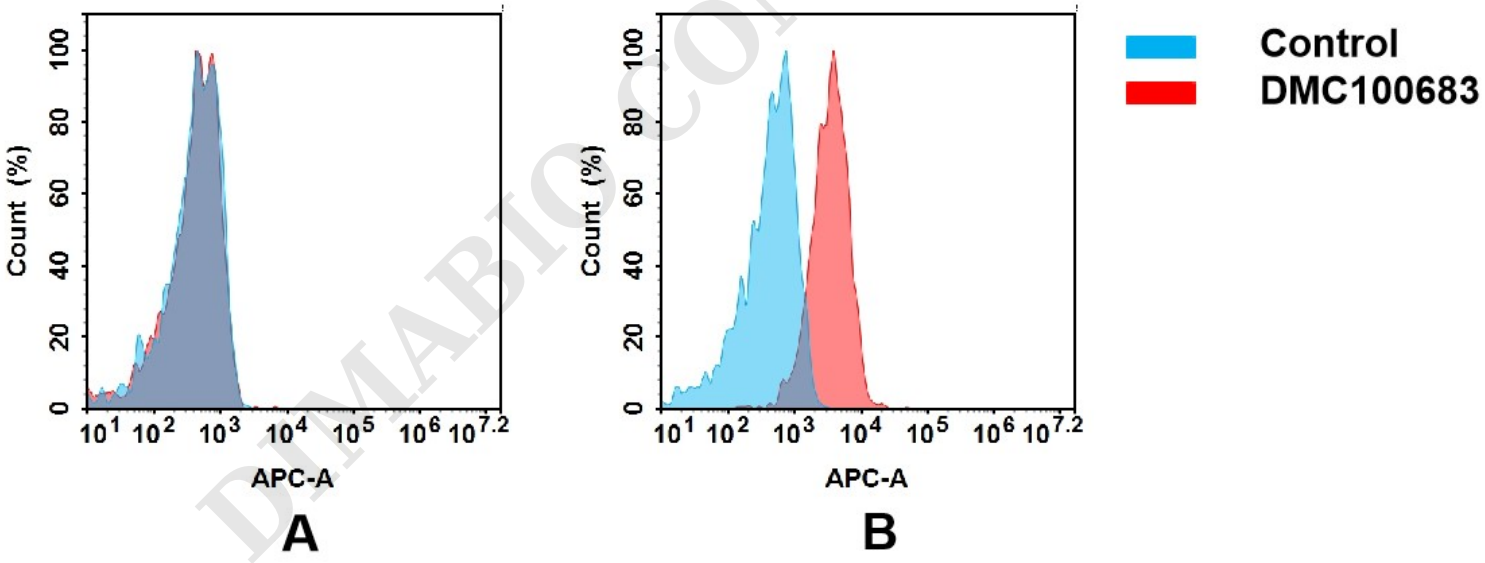

Figure 2. Flow cytometry analysis of antigen binding of anti-human TENM4 mAb(DMC100683).
(A) DMC100683 does not bind to CHO-S cells that do not express TENM4.
(B) A clear peak shift of DMC100683 was seen compared to the control when incubated with TENM4-expressing TT cells, indicating strong binding of DMC100683 to TENM4. Antibodies were incubated at 5 μg/mL.

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