PRODUCT INFORMATION

Clone ID	7C1
Target	TFRC
Synonyms	TR;TfR;TfR1;Trfr;T9;p90;CD71
Host Species	Rabbit
Description	Anti-TFRC antibody(7C1), IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P02786
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 receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]
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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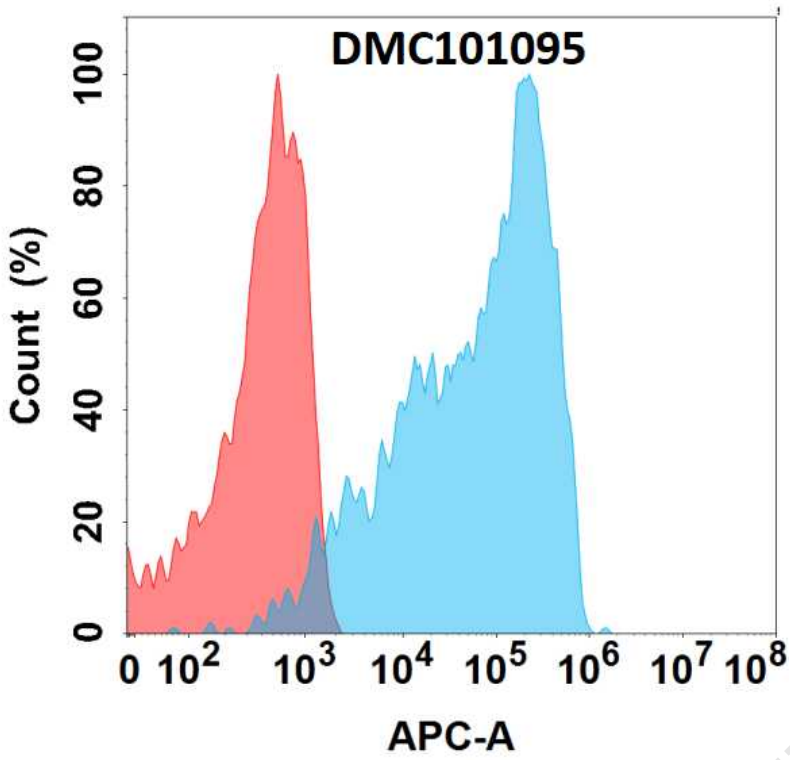

Figure 1. Flow cytometry analysis with 1μg/mL Anti-TFRC (7C1) mAb on Expi293 cells transfected with human TFRC (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

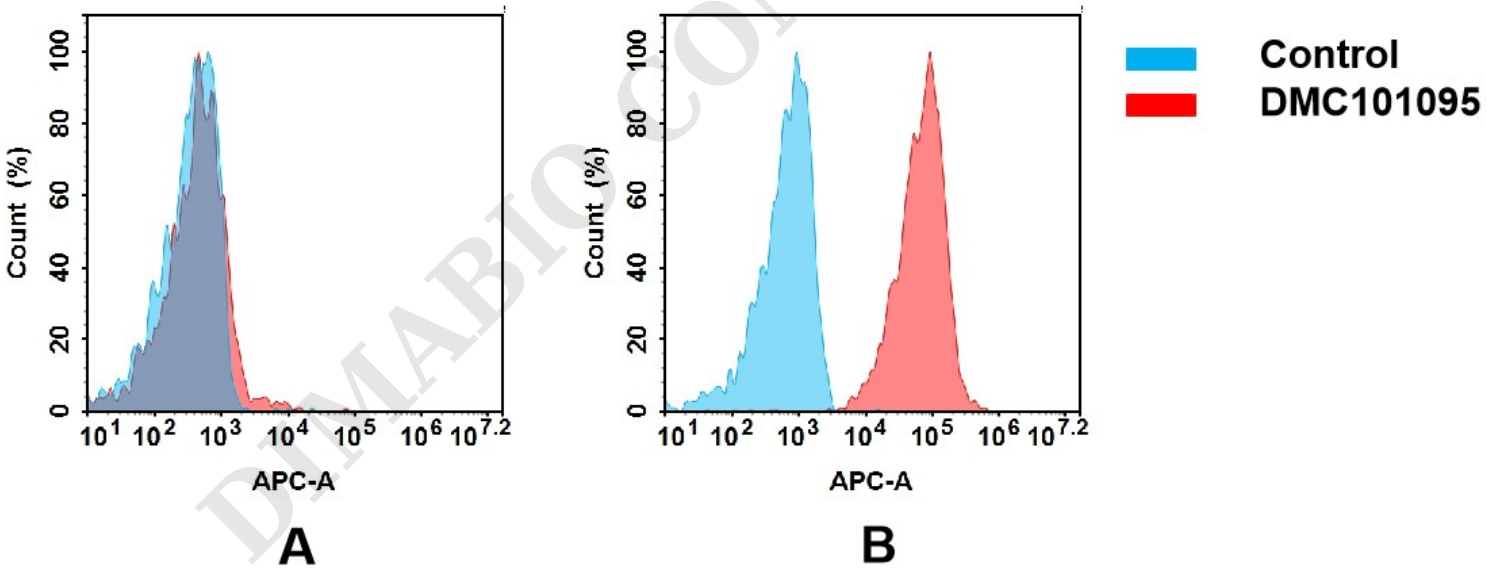

Figure 2. Flow cytometry analysis of antigen binding of anti-human TFRC mAb(DMC101095).
(A) DMC101095 does not bind to CHO-S cells that do not express TFRC.
(B) A clear peak shift of DMC101095 was seen compared to the control when incubated with TFRC-expressing Siha cells, indicating strong binding of DMC101095 to TFRC. Antibodies were incubated at 5 μg/mL.

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