

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



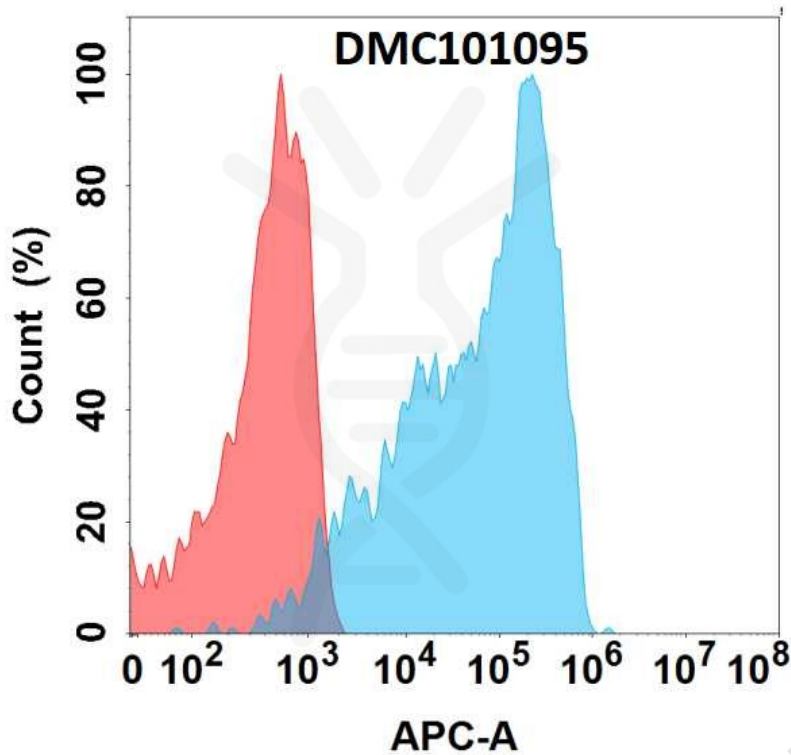


Figure 1. Flow cytometry analysis with 1 μ g/mL Anti-TFRC (7C1) mAb on Expi293 cells transfected with human TFRC (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

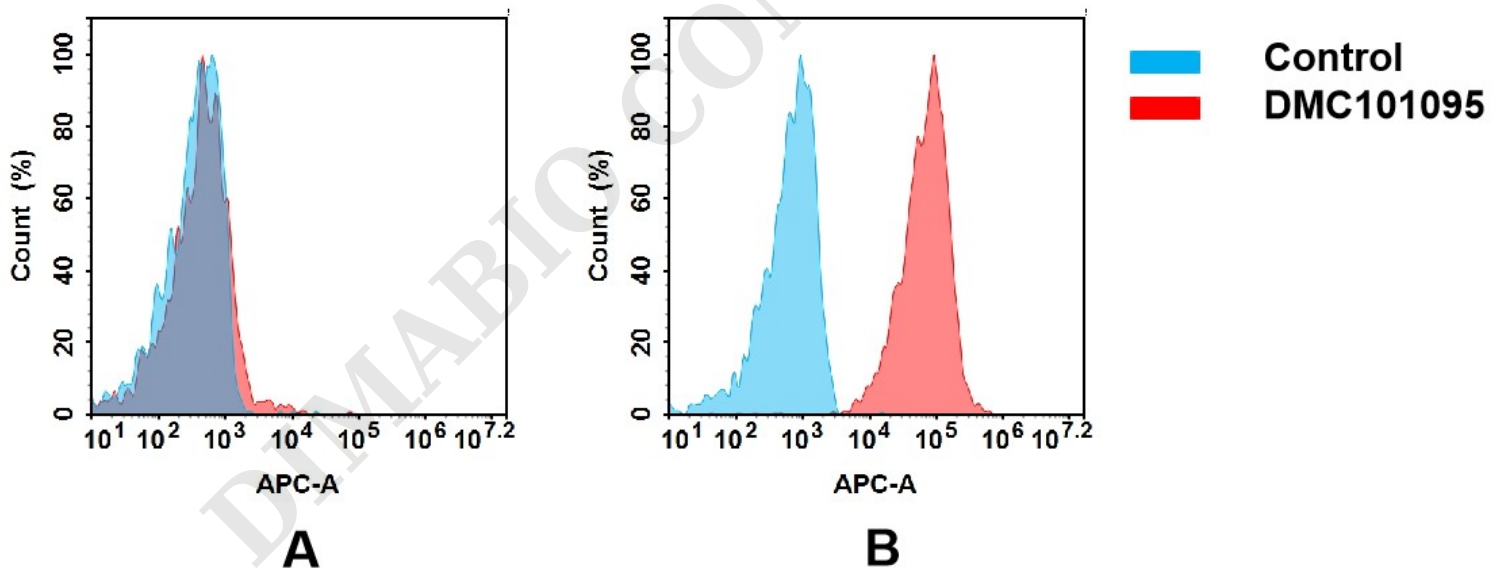


Figure 2. Flow cytometry analysis of antigen binding of anti-human TFRC mAb(DMC101095).

(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 μ g/mL.

