

## **PRODUCT INFORMATION**

Clone ID 7C1 **TFRC Target** 

**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

**Background** 

**DIMA Disclaimer** 

Flow Cyt 1/100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

> 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

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ensure no IP infringement.





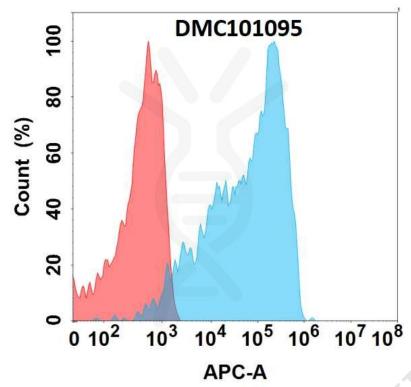


Figure 1. Flow cytometry analysis with  $1\mu g/mL$  Anti-TFRC (7C1) mAb on HEK293 cells transfected with human TFRC (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

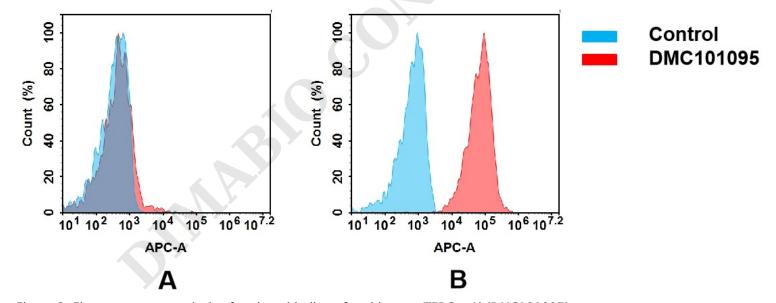


Figure 2. Flow cytometry analysis of antigen binding of anti-human TFRC mAb(DMC101095).

(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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