

## TFRC Rabbit pAb

Catalog Number: bs-41377R

Target Protein: TFRC

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: Human, Mouse (predicted:Rat)

Predicted MW: 74/85 kDa

Entrez Gene: 22042

Swiss Prot: Q62351

Source: Recombinant Mouse CD71 protein : 89-763/763.

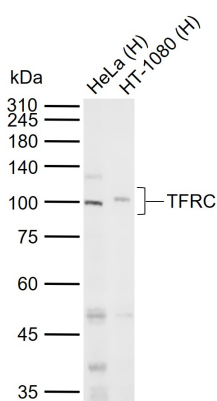
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

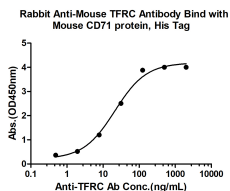
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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]

### VALIDATION IMAGES



Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HT-1080 cell lysates Primary: Anti-TFRC (bs-41377R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 74/85 kDa Observed band size: 100 kDa



Measured by its binding ability in a indirect ELISA. Immobilized Mouse CD71 protein, His Tag (Cat. bs-41377P) at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Mouse TFRC Antibody, the EC50 is 21.28 ng/mL.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=17.1] Lei Liu. et al. Myricetin Oligomer Triggers Multi-Receptor Mediated Penetration and Autophagic Restoration of Blood-Brain Barrier for Ischemic Stroke Treatment. ACS NANO. 2024;XXXX(XXX):XXX-XXX WB ; Mouse . 38533773