

## Rabbit Anti-TFRC antibody

SL41377R

<b>Product Name</b>	TFRC
<b>Chinese Name</b>	转铁蛋白受体 (CD71) 抗体
<b>Alias</b>	Transferrin receptor protein 1; Transferrin receptor; CD71; CD 71; CD71 antigen; p90; T9; TFR 1; TFR; TFR1; TR; sTfR; Transferrin receptor (p90 CD71); TRFR; TFR1_HUMAN.
<b>Research Area</b>	Tumour Cardiovascular Cell biology immunology Neurobiology Stem cells Diabetes Cell Surface Molecule lymphocyte t-lymphocyte b-lymphocyte
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Mouse(predicted:Rat)
<b>Applications</b>	WB=1:500-2000,ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	74/85kDa
<b>Cellular localization</b>	The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	Recombinant Mouse CD71 protein : 89-763/763
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	Human,Mouse(predicted:Rat)1M TBS(pH7.4) with 1% BSA, Human,Mouse(predicted:Rat)3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>
<b>Product Detail</b>	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]

**SWISS:**

Q62351

**Gene ID:**

22042

**Database links:**

[Entrez Gene: 7037](#) Human

[Entrez Gene: 22042](#) Mouse

[Entrez Gene: 64678](#) Rat

[Omim: 190010](#) Human

[SwissProt: P02786](#) Human

[SwissProt: Q62351](#) Mouse

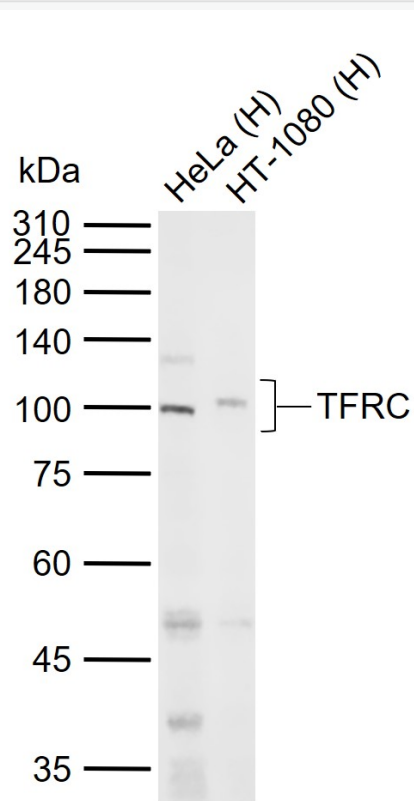
[SwissProt: Q99376](#) Rat

[Unigene: 529618](#) Human

[Unigene: 28683](#) Mouse

[Unigene: 98672](#) Rat

**Product Picture**



Sample:

Lane 1: Human HeLa cell lysates

Lane 2: Human HT-1080 cell lysates

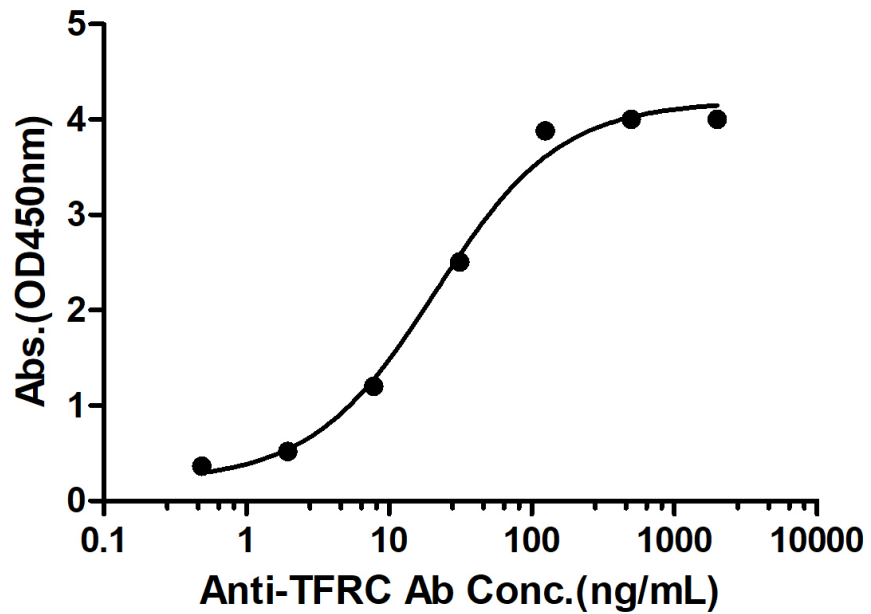
Primary: Anti-TFRC (SL41377R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 74/85 kDa

Observed band size: 100 kDa

### Rabbit Anti-Mouse TFRC Antibody Bind with Mouse CD71 protein, His Tag



Measured by its binding ability in a indirect ELISA. Immobilized Mouse CD71 protein, His Tag (Cat. SL41377P) at 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) can bind Rabbit Anti-Mouse TFRC Antibody, the EC50 is 21.28 ng/mL.