

Rabbit Anti-TFRC antibody

SL41331R

Product Name TFRC

Chinese Name 转铁蛋白受体（CD71）抗体

Alias 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.

Immunogen Species Rabbit

Clonality Polyclonal

React Species Human,Mouse

Applications WB IHC-P IHC-F IF Flow-Cyt,not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 74/85kDa

Cellular localization The cell membrane Secretory protein

Form Liquid

Concentration 1mg/ml

immunogen Recombinant human Transferrin R / CD71 protein: 101-760/760

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution Human,Mouse1M TBS(pH7.4) with 1% BSA, Human,Mouse3% Proclin300 and 50% Glycerol.

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

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product Detail 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:
P02786

Gene ID:
7037

Database links:

[Entrez Gene: 7037](#) Human

[Entrez Gene: 22042](#) Mouse

[Entrez Gene: 64678](#) Rat

[Omim: 190010](#) Human

[SwissProt: P02786](#) Human

[SwissProt: Q62351](#) Mouse

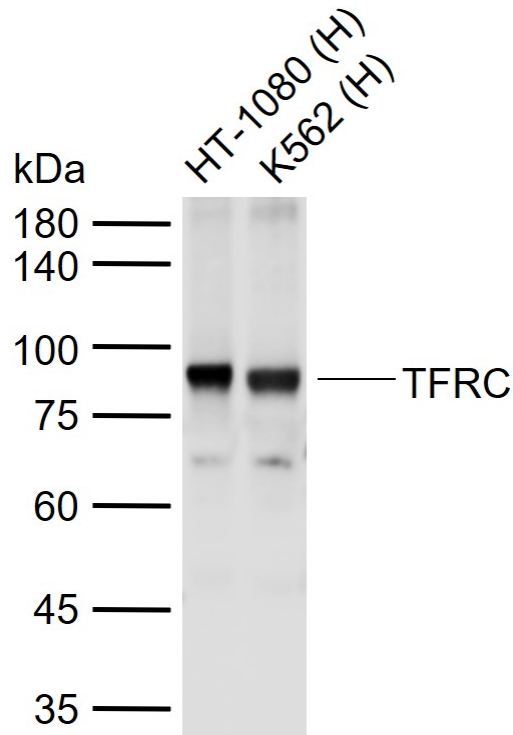
[SwissProt: Q99376](#) Rat

[Unigene: 529618](#) Human

[Unigene: 28683](#) Mouse

[Unigene: 98672](#) Rat

**Product
Picture**



Sample:

Lane 1: Human HT-1080 cell lysates

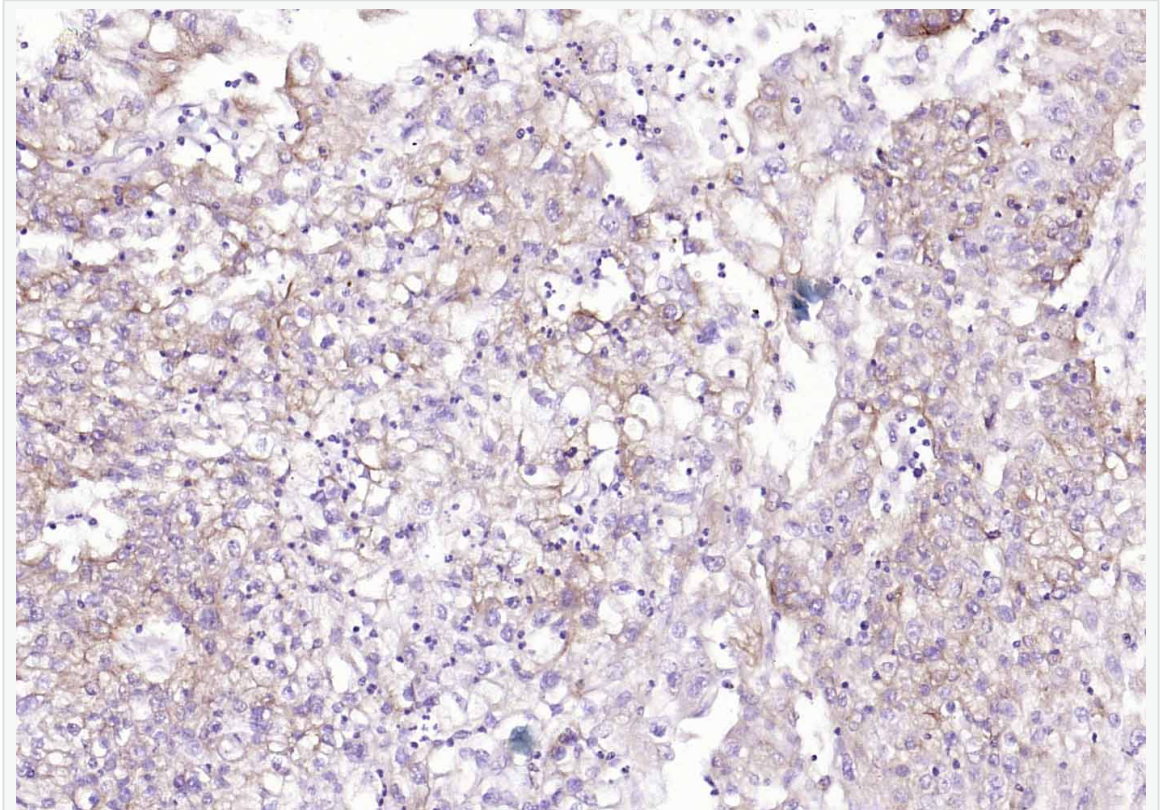
Lane 2: Human K562 cell lysates

Primary: Anti-TFRC (SL41331R) at 1/1000 dilution

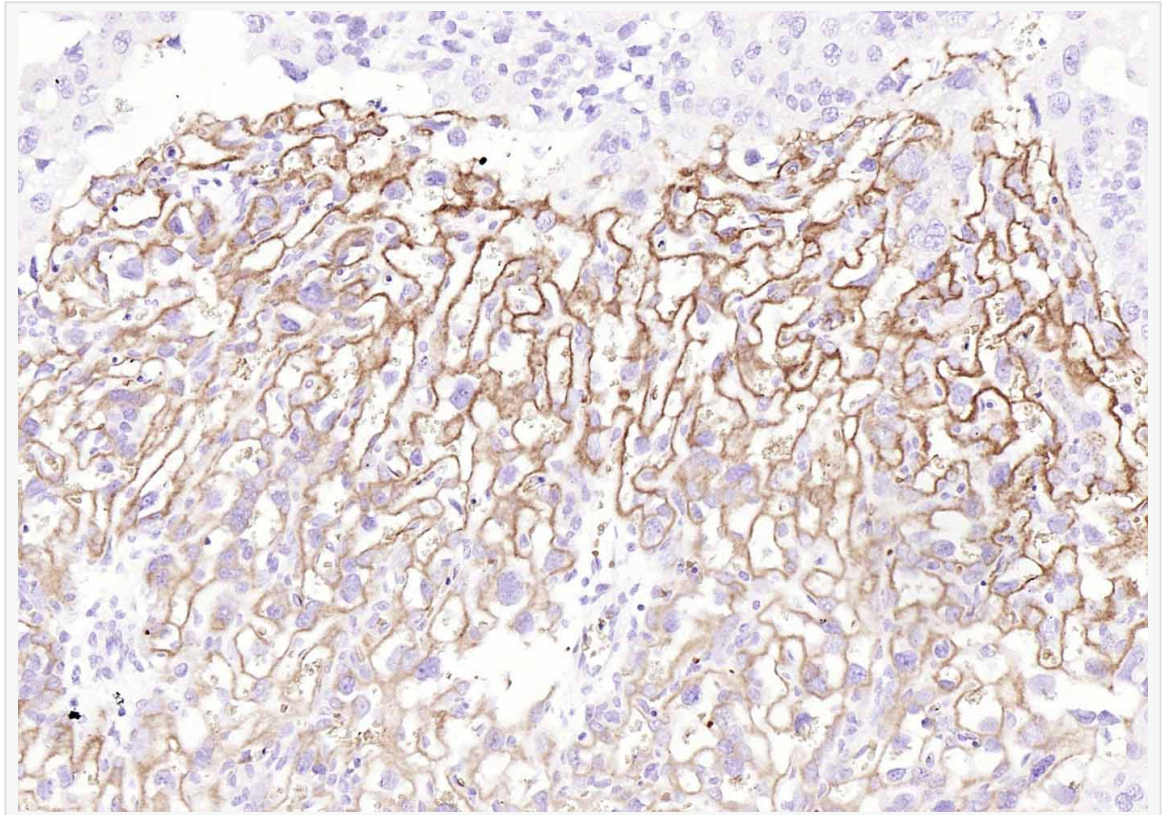
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 74/85 kDa

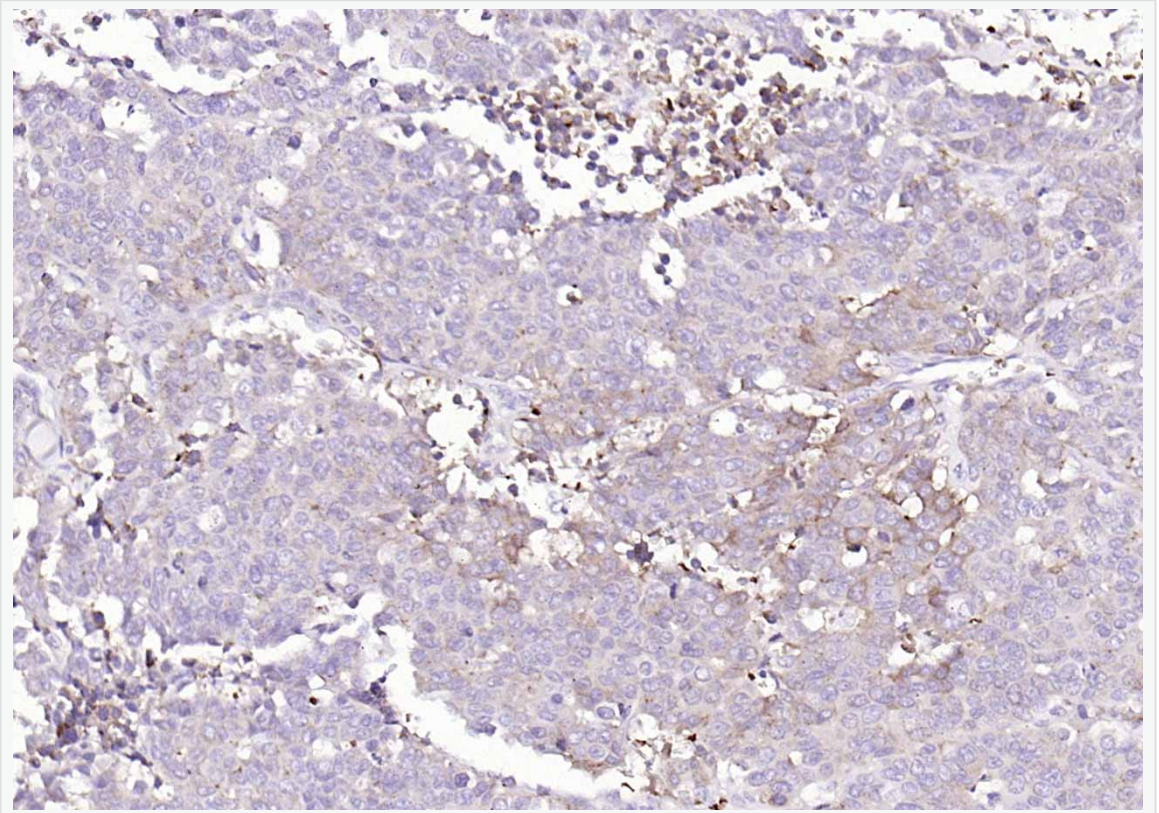
Observed band size: 84 kDa



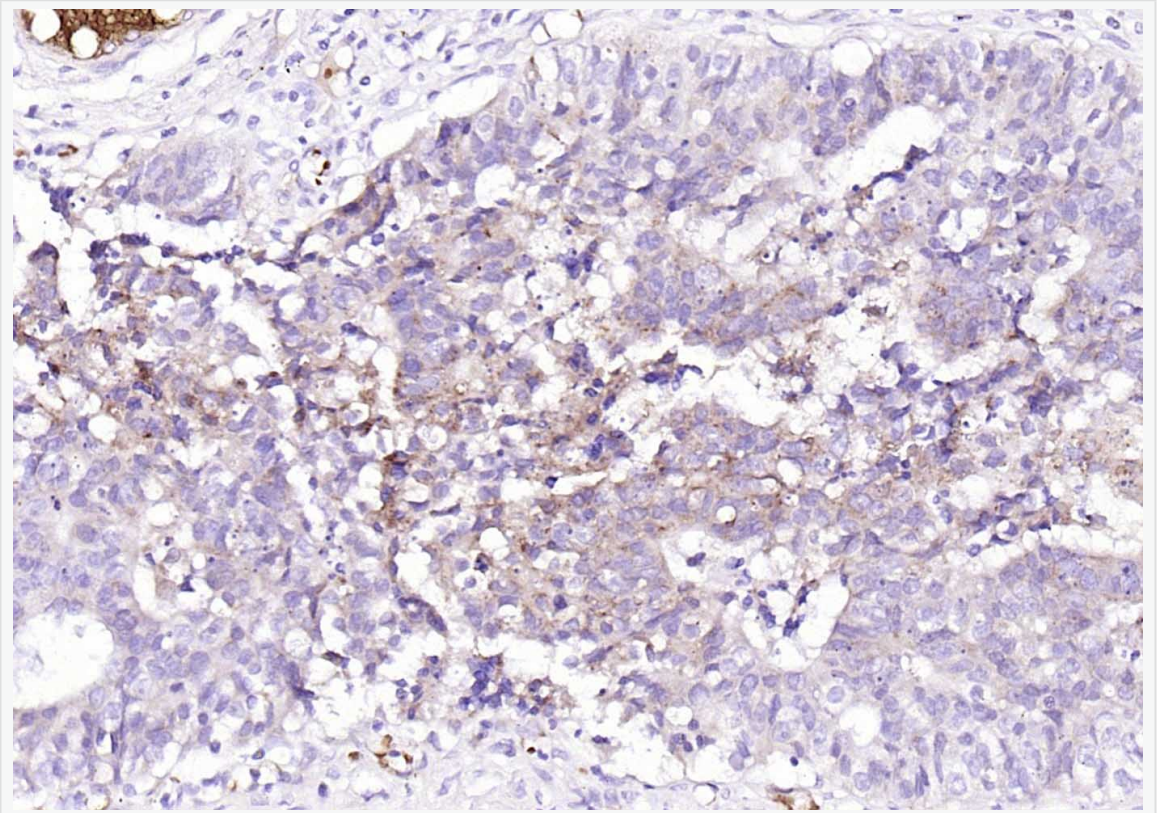
Paraformaldehyde-fixed, paraffin embedded (human endometrial carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TFRC) Polyclonal Antibody, Unconjugated (SL41331R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



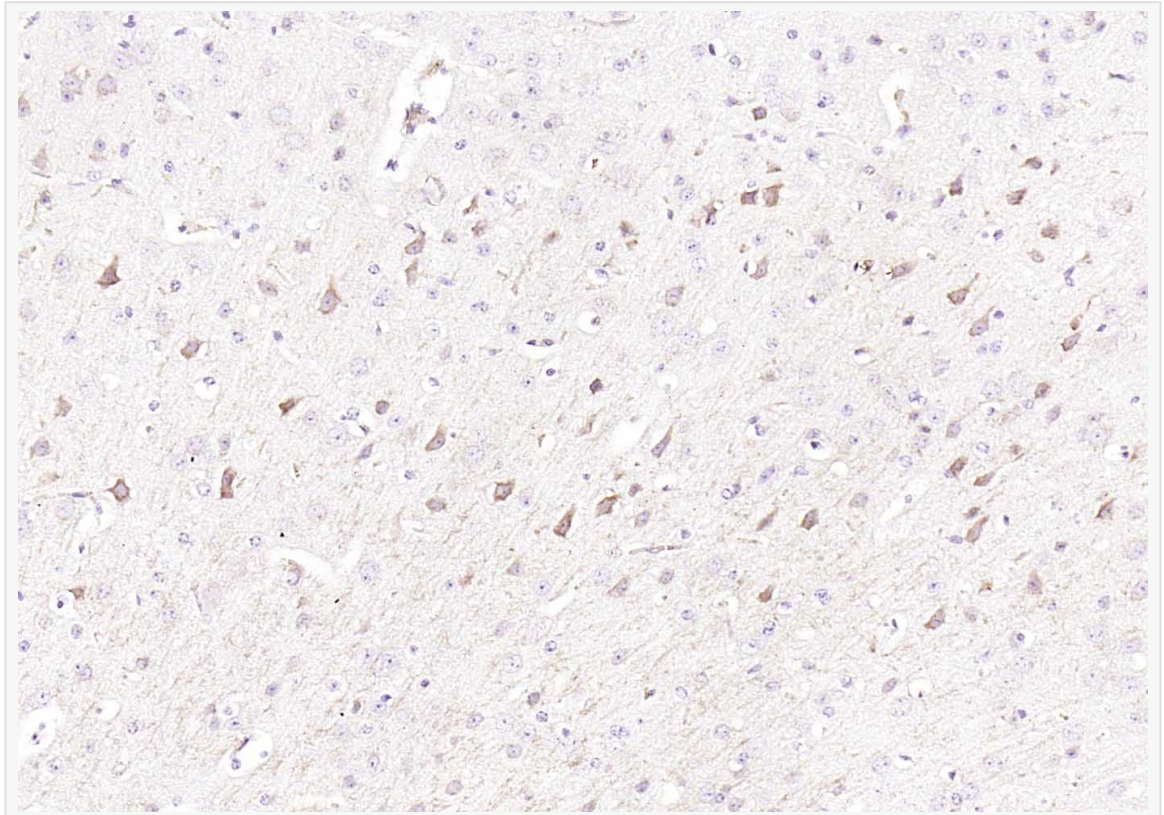
Paraformaldehyde-fixed, paraffin embedded (mouse placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TFRC) Polyclonal Antibody, Unconjugated (SL41331R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



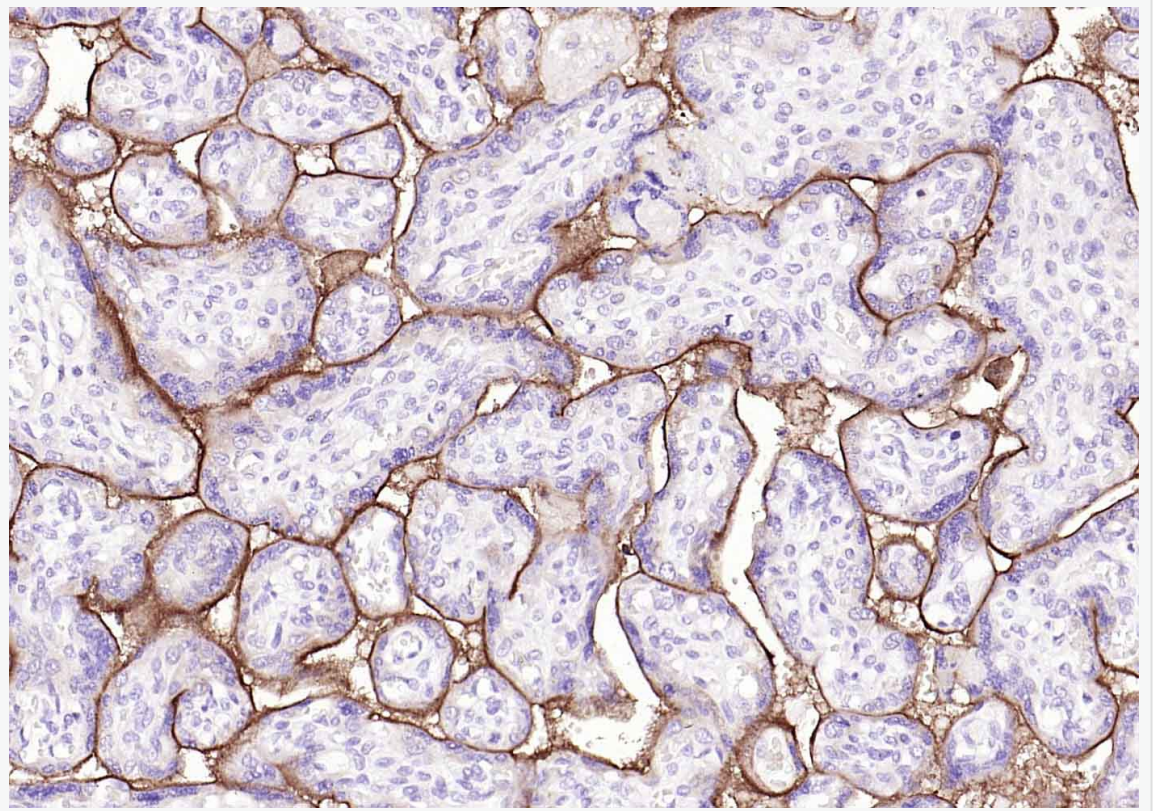
Paraformaldehyde-fixed, paraffin embedded (Human esophageal cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TFRC) Polyclonal Antibody, Unconjugated (SL41331R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TFRC) Polyclonal Antibody, Unconjugated (SL41331R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

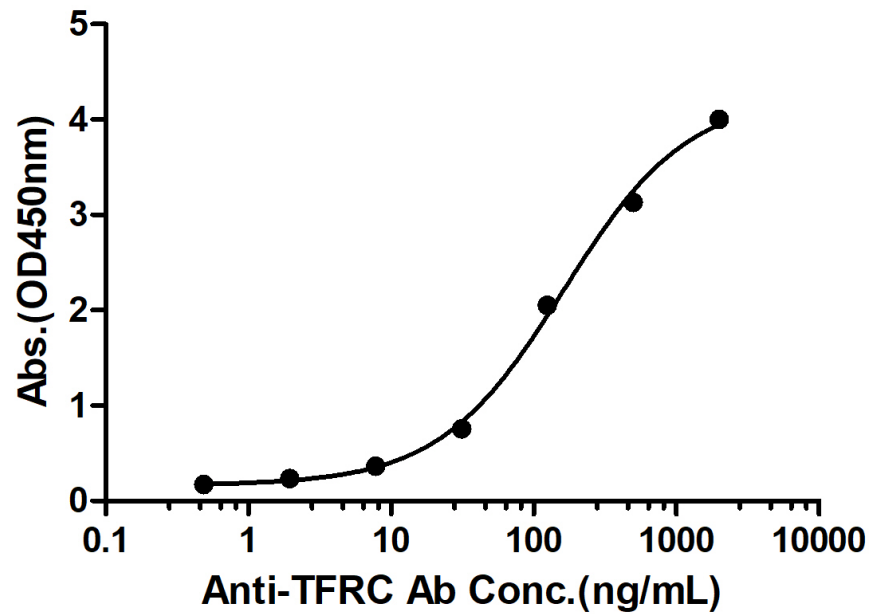


Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TFRC) Polyclonal Antibody, Unconjugated (SL41331R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



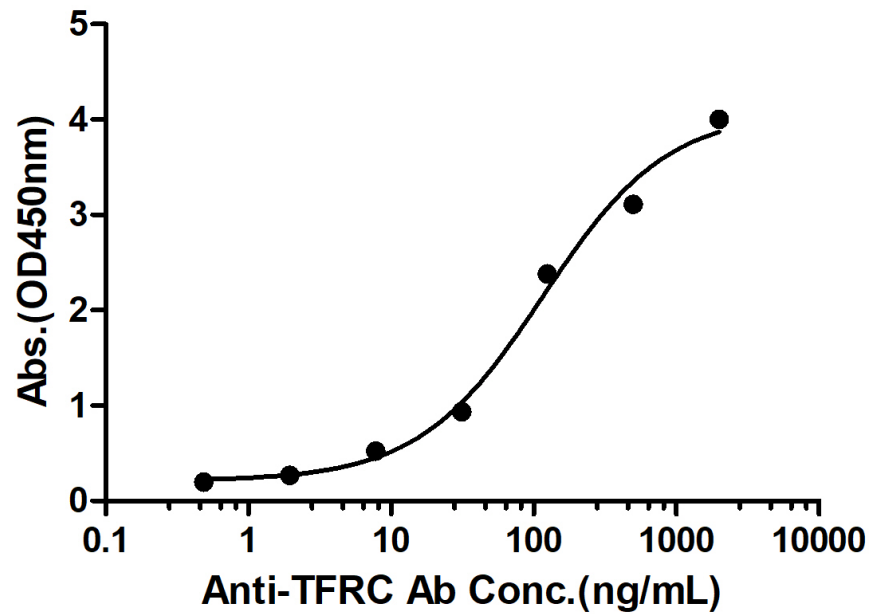
Paraformaldehyde-fixed, paraffin embedded (human placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TFRC) Polyclonal Antibody, Unconjugated (SL41331R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Rabbit Anti-Human TFRC Antibody Bind with Human TFRC protein, His Tag



Measured by its binding ability in a indirect ELISA. Immobilized Human TFRC protein, His Tag (Cat. SL41331P) at 2 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Rabbit Anti-Human TFRC Antibody, the EC50 is 162.1 ng/mL.

Rabbit Anti-Human TFRC Antibody Bind with Human TFRC protein, His Tag



Measured by its binding ability in a indirect ELISA. Immobilized Human TFRC protein, His Tag (Cat. SL41331P) at 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) can bind Rabbit Anti-Human TFRC Antibody, the EC50 is 116.4 ng/mL.