

A5865

Leader in Biomolecular Solutions for Life Science



CD71/Transferrin Receptor Rabbit pAb

Catalog No.: A5865

82 Publications

Basic Information

Observed MW

90 kDa

Calculated MW

85 kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse

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.

Recommended Dilutions

WB 1:1500 - 1:9000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7037

Swiss Prot

P02786

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46; CD71/Transferrin Receptor

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

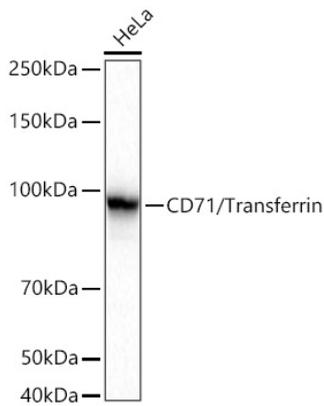
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Contact

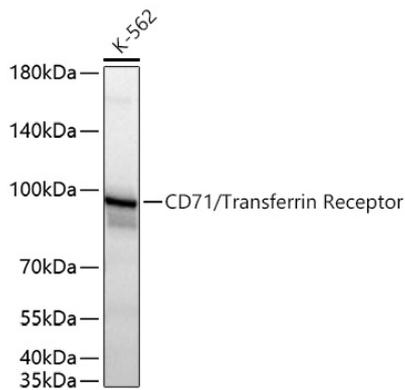


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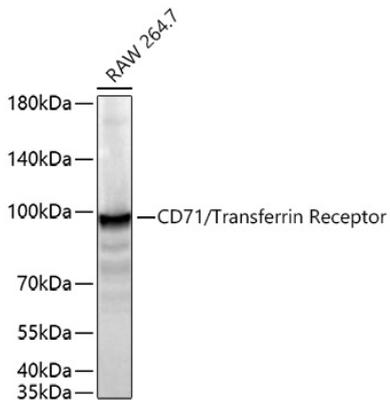
Validation Data



Western blot analysis of lysates from HeLa cells using CD71/Transferrin Receptor Rabbit pAb (A5865) at 1:3000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.

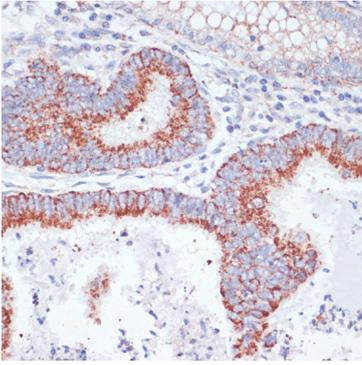


Western blot analysis of lysates from K-562 cells using CD71/Transferrin Receptor Rabbit pAb (A5865) at 1:1000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.

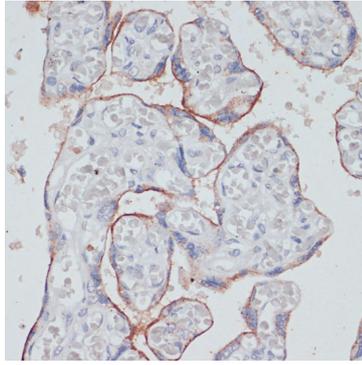


Western blot analysis of lysates from RAW 264.7 cells using CD71/Transferrin Receptor Rabbit pAb (A5865) at 1:1000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10 s.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using CD71/Transferrin Receptor Rabbit pAb (A5865) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using CD71/Transferrin Receptor Rabbit pAb (A5865) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.