

CD71/Transferrin Receptor Rabbit pAb

Catalog No.: A21622 **7 Publications**

Basic Information

Observed MW

90kDa

Calculated MW

85kDa

Category

Primary antibody

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

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 1:500 - 1:1000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

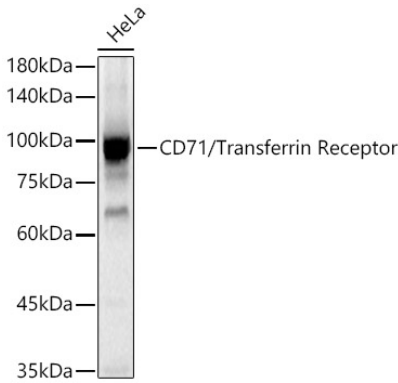
Affinity purification

Storage

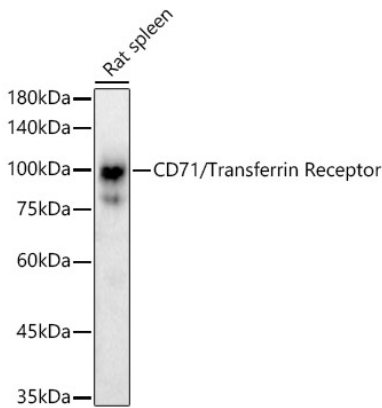
Store at -20°C. Avoid freeze / thaw cycles.

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

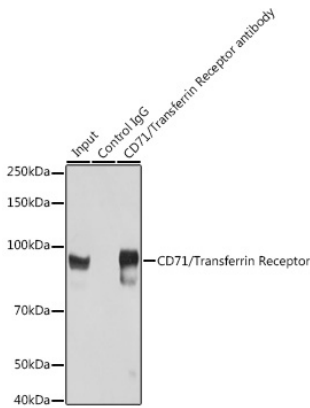
Validation Data



Western blot analysis of lysates from HeLa cells, using CD71/Transferrin Receptor Rabbit pAb (A21622) at 1:900 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

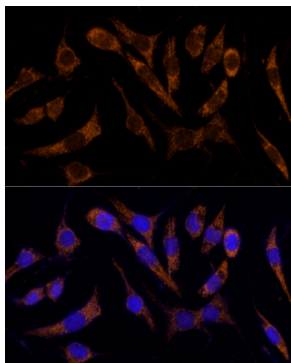


Western blot analysis of lysates from Rat spleen, using CD71/Transferrin Receptor Rabbit pAb (A21622) at 1:900 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.



Immunoprecipitation analysis of 200 µg extracts of Jurkat cells using 3 µg CD71/Transferrin Receptor Rabbit pAb (A21622). Western blot was performed from the immunoprecipitate using CD71/Transferrin Receptor Rabbit pAb (A21622) at a dilution of 1:1000.

Validation Data



Immunofluorescence analysis of L929 cells using CD71/Transferrin Receptor Rabbit pAb (A21622) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.