

CD71/Transferrin Receptor Rabbit pAb

Catalog No.: A5865

55 Publications

Basic Information

Observed MW

90kDa

Calculated MW

85kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

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
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

7037

Swiss Prot

P02786

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human CD71/Transferrin Receptor (NP_001121620.1).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

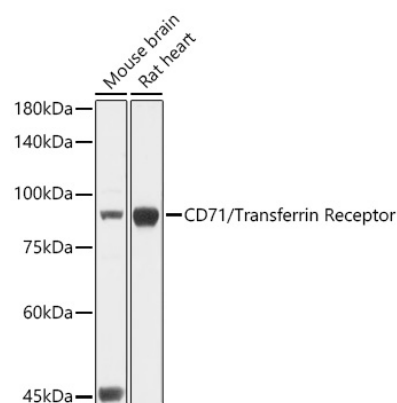
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using CD71/Transferrin Receptor Rabbit pAb (A5865) at 1:1000 dilution.

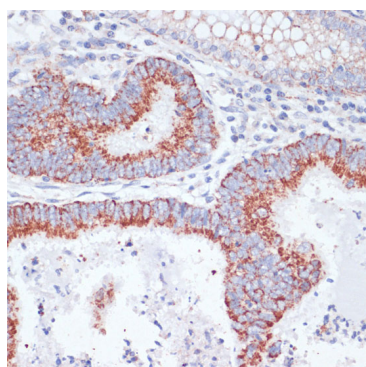
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates / proteins: 25 µg per lane.

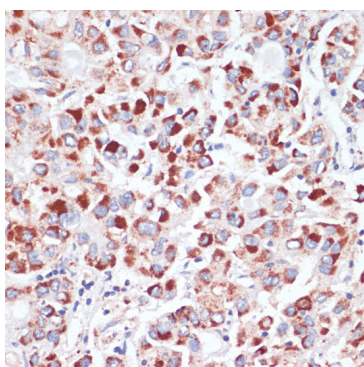
Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

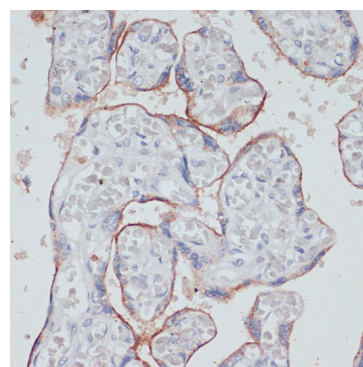
Exposure time: 10s.



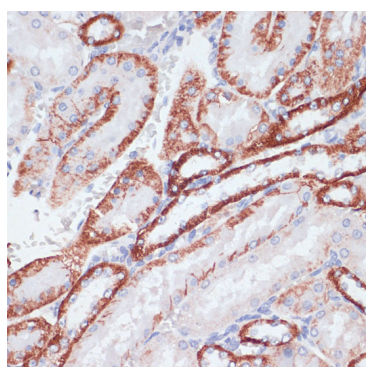
Immunohistochemistry analysis of CD71/Transferrin Receptor in paraffin-embedded human colon carcinoma using CD71/Transferrin Receptor Rabbit pAb (A5865) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



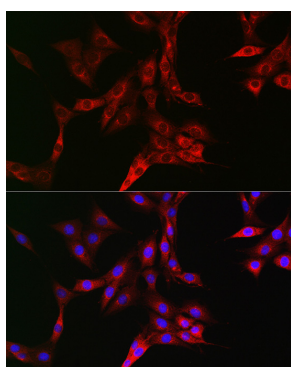
Immunohistochemistry analysis of CD71/Transferrin Receptor in paraffin-embedded human liver cancer using CD71/Transferrin Receptor Rabbit pAb (A5865) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD71/Transferrin Receptor in paraffin-embedded human placenta using CD71/Transferrin Receptor Rabbit pAb (A5865) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD71/Transferrin Receptor in paraffin-embedded rat kidney using CD71/Transferrin Receptor Rabbit pAb (A5865) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of PC-12 cells using CD71/Transferrin Receptor Rabbit pAb (A5865) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.