

CD71/Transferrin Receptor Rabbit pAb

Catalog No.: A5865 **44 Publications**

Basic Information

Observed MW

100kDa

Calculated MW

85kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC, IP

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
IP	1:50 - 1:200

Contact

 | www.abclonal.com

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

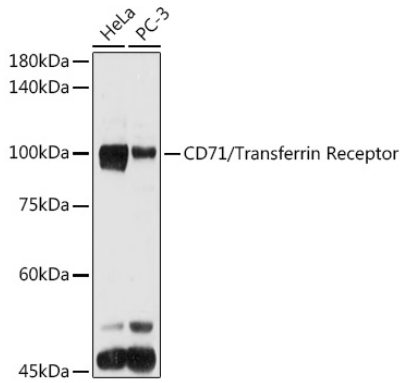
Affinity purification

Storage

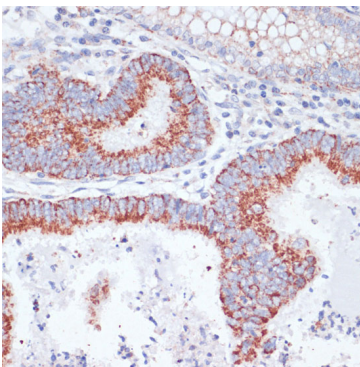
Store at -20°C. Avoid freeze / thaw cycles.

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

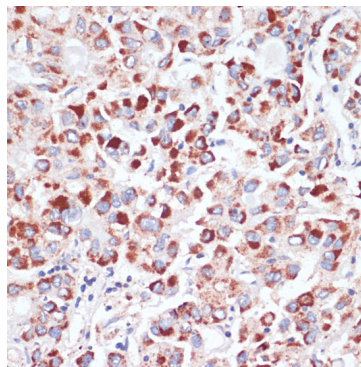
Validation Data



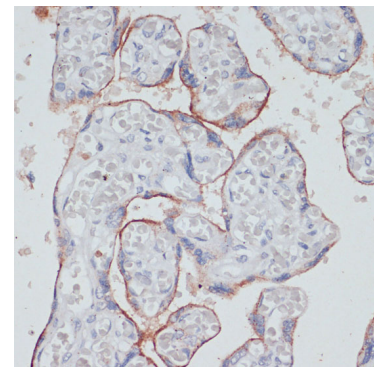
Western blot analysis of extracts of various cell lines, using CD71/Transferrin Receptor antibody (A5865) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 90s.



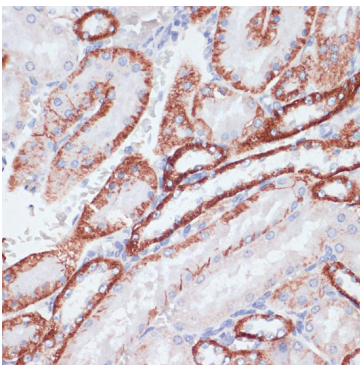
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using CD71/Transferrin Receptor antibody (A5865) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



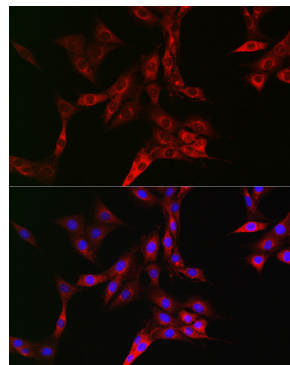
Immunohistochemistry analysis of paraffin-embedded human liver cancer using CD71/Transferrin Receptor antibody (A5865) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human placenta using CD71/Transferrin Receptor antibody (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 paraffin-embedded rat kidney using CD71/Transferrin Receptor antibody (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). Blue: DAPI for nuclear staining.