

Transferrin Rabbit mAb

Catalog No.: A19130 **Recombinant** **8 Publications**

Basic Information

Observed MW

77kDa

Calculated MW

77kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC0338

Background

This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum.

Recommended Dilutions

WB 1:1000 - 1:2000**IHC-P** 1:100 - 1:1000**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7018

Swiss Prot

P02787

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

TFQTL1; PRO1557; PRO2086; HEL-S-71p; Transferrin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

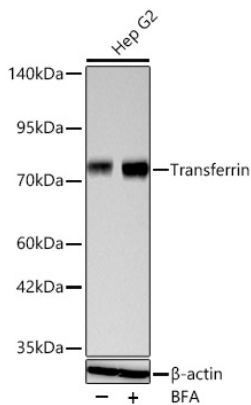
Affinity purification

Storage

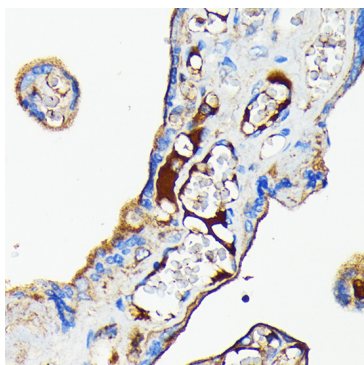
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from Hep G2 cells using Transferrin Rabbit mAb (A19130) at 1:1000 dilution incubated overnight at 4°C. Hep G2 cells were treated with BFA (30 ng/mL) at 37°C for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human placenta using Transferrin Rabbit mAb (A19130) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.