

# Transferrin Rabbit mAb

Catalog No.: A19130

Recombinant

7 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**

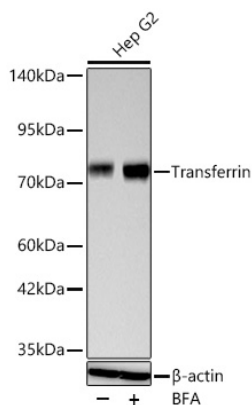
Affinity purification

**Storage**

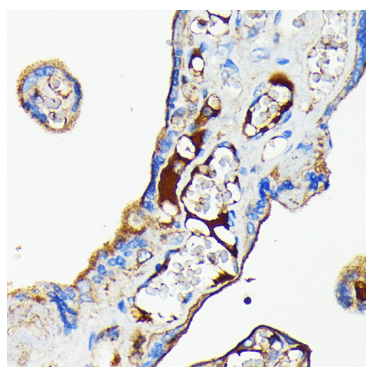
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## 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.