

A19130

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## Transferrin Rabbit mAb

Catalog No.: A19130

Recombinant

3 Publications

### Basic Information

#### Observed MW

77kDa

#### Calculated MW

77kDa

#### Category

SMab Recombinant Monoclonal 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	1:500 - 1:2000
IHC-P	1:50 - 1:200

### Immunogen Information

#### Gene ID

7018

#### Swiss Prot

P02787

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Transferrin (P02787).

#### Synonyms

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

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

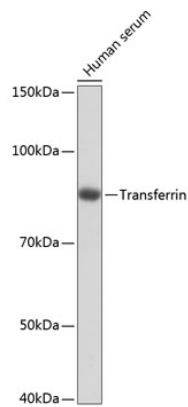
Affinity purification

#### 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 Human serum, using Transferrin Rabbit mAb (A19130) at 1:1000 dilution.

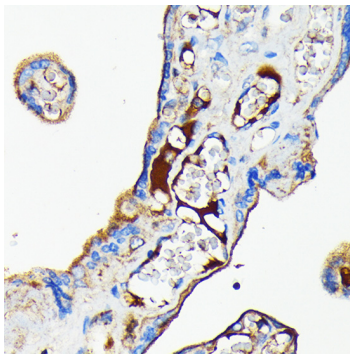
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunohistochemistry analysis of Transferrin in paraffin-embedded human placenta using Transferrin Rabbit mAb (A19130) 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.