

For Research Use Only

# Transferrin/TF Recombinant antibody

Catalog Number:84386-5-RR



## Basic Information

Catalog Number:

84386-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC059367

GeneID (NCBI):

7018

UNIPROT ID:

P02787

Full Name:

transferrin

Calculated MW:

698 aa, 77 kDa

Observed MW:

77 kDa

Purification Method:

Protein A purification

CloneNo.:

241769C8

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse spleen tissue, human urine sample, human placenta tissue, mouse liver tissue, rat kidney tissue

## Background Information

Serotransferrin(TF) is a 77 kDa secreted protein which is also named as transferrin, siderophilin, beta-1 metal-binding globulin and belongs to a family of homologous iron-binding glycoproteins that encompasses lactoferrin (found both intracellular and in secretions, including milk), melanotransferrin (present on melanoma cells) and ovotransferrin (present in egg white). TF is a multi-function protein with a primary role in transporting iron in a safe, redox-inactive state from absorption to utilization or storage sites around the body. The association of Tf with the immune system derives from its ability to restrict serum free-iron levels, creating low-iron environments where the infection capacity of pathogenic microorganisms is limited. TF is expressed predominantly in the liver and secreted in plasma, but lower amounts can be synthesized in other tissues such as the brain and the testis.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

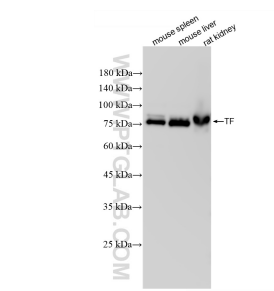
T: 4006900926

E: Proteintech-CN@ptglab.com

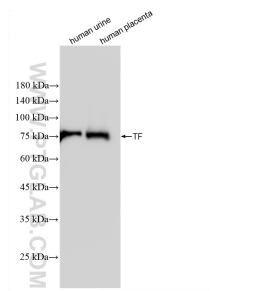
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84386-5-RR (TF antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



human urine sample were subjected to SDS PAGE followed by western blot with 84386-5-RR (TF antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.