

**Anti-Transferrin Antibody**  
**Mouse monoclonal antibody to Transferrin**  
**Catalog # AP61600****Specification**

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**Anti-Transferrin Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P02787</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	77064

**Anti-Transferrin Antibody - Additional Information****Gene ID** 7018**Other Names**

Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin

**Target/Specificity**

Recognizes endogenous levels of Transferrin protein.

**Dilution**

WB~~WB (1/2000 - 1/5000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-Transferrin Antibody - Protein Information****Name** TF ([HGNC:11740](#))**Function**

Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation. (Microbial infection) Serves as an iron source for parasite *T.brucei* (strain 427), which capture TF via its own transferrin receptor ESAG6:ESAG7 and extract its iron for its own use.

**Cellular Location**

Secreted.

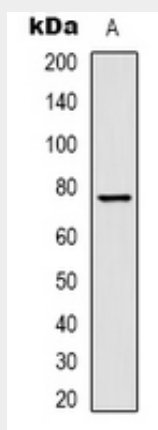
**Tissue Location**

Expressed by the liver and secreted in plasma.

**Anti-Transferrin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Transferrin Antibody - Images**

Western blot analysis of Transferrin expression in human serum (A) whole cell lysates.

**Anti-Transferrin Antibody - Background**

Recombinant protein corresponding to human Transferrin.