

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

Anti-Transferrin Antibody - Product Information

Application	WB
Primary Accession	P02787
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.

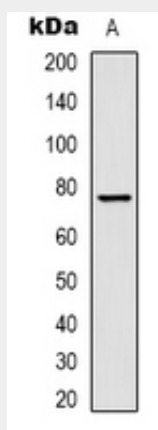
Tissue Location

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.