

**Anti-TF / Transferrin Antibody (N-Terminus, clone 2A2)**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # ALS17625****Specification**

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**Anti-TF / Transferrin Antibody (N-Terminus, clone 2A2) - Product Information**

Application	IHC-P, E, FuncS
Primary Accession	<a href="#">P02787</a>
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	77064
Dilution	IHC-P~~N/A E~~N/A FuncS~~N/A

**Anti-TF / Transferrin Antibody (N-Terminus, clone 2A2) - Additional Information****Gene ID** 7018**Alias Symbol** TF**Other Names**

TF, PRO1557, Serotransferrin, Siderophilin, TFQTL1, Beta-1 metal-binding globulin, Transferrin, PRO2086

**Target/Specificity**

Recognizes the N-terminal domain of human transferrin. In functional assays inhibits the proliferation of Con-A stimulated blood lymphocytes. Removal of sodium azide is recommended prior to use in functional assays.

**Reconstitution & Storage**

Protein A purified

**Precautions**

Anti-TF / Transferrin Antibody (N-Terminus, clone 2A2) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-TF / Transferrin Antibody (N-Terminus, clone 2A2) - 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-TF / Transferrin Antibody (N-Terminus, clone 2A2) - 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-TF / Transferrin Antibody (N-Terminus, clone 2A2) - Images**