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

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17625

Specification

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

Application	**IHC-P, E, Func**
Primary Accession	P02787
Predicted	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**77050**

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 assaysinhibits 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 Cytomety
- Cell Culture

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