

Transferrin Monoclonal Antibody

Catalog No. E-AB-22082

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

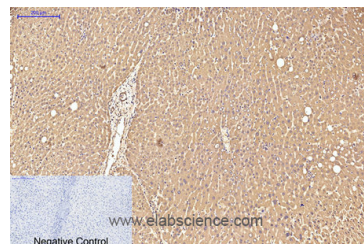
WB	1:500-1:2000
IHC	1:50-1:300
IF	1:100-1:300

Data

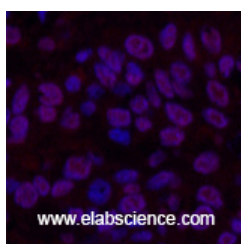


Western Blot analysis of Human serum using Transferrin Monoclonal Antibody at dilution of 1:2000.

Observed Mw:77kDa



Immunohistochemistry of paraffin-embedded Human liver tissue using Transferrin Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Human lung cancer tissue using Transferrin Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum.