# Transferrin Monoclonal Antibody

**catalog number:** **E-AB-22082**

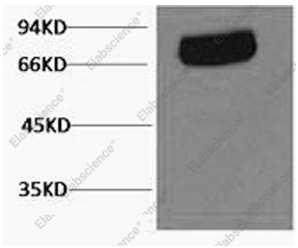
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human |
| **Immunogen** | Synthetic Peptide |
| **Host** | Mouse |
| **Isotype** | Mouse IgG |
| **Clone** | 9B3 |
| **Purification** | Protein A affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:50-1:300 |
| **IF** | 1:100-1:300 |

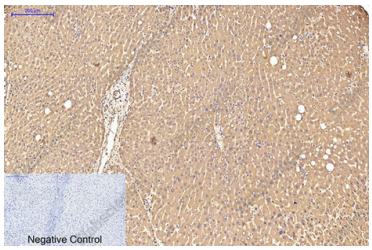
## Data



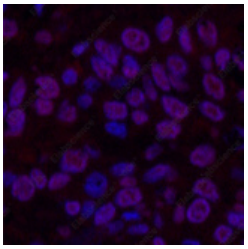

Western Blot analysis of Human serum using Transferrin Monoclonal Antibody at dilution of 1:2000.

**Observed-MW:77 kDa**

**Calculated-MW:77.1 kDa**




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

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background


Toll-free: 1-888-852-8623
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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.


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