

产品名称: Transferrin(10G3)Mouse Monoclonal Antibody  
产品货号: AMM19206



## 产品概述 (Summary)

|                        |                                            |
|------------------------|--------------------------------------------|
| 产品名称 (Production Name) | Transferrin(10G3)Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse Monoclonal Antibody                  |
| 宿主 (Host)              | Mouse                                      |
| 应用 (Application)       | WB,IHC,                                    |
| 种属反应性 (Reactivity)     | Human                                      |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                             |
| 修饰 (Modification)   | Unmodified                                                                               |
| 同种型 (Isotype)       | IgG                                                                                      |
| 克隆 (Clonality)      | Monoclonal                                                                               |
| 形式 (Form)           | Liquid                                                                                   |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.       |
| 纯化方式 (Purification) | Affinity purification                                                                    |

## 免疫原信息 (Immunogen)

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | TF                                                                            |
| 别名 (Alternative Names) | TF; Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin |
| 基因 ID (Gene ID)        | 7018.0                                                                        |
| 蛋白 ID (SwissProt ID)   | P02787.Protein                                                                |

## 产品应用 (Application)

|                          |                                |
|--------------------------|--------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:2000-5000, IHC 1:100-200. |
| 蛋白分子量 (Molecular Weight) | 77kD                           |

## 研究背景 (Background)

transferrin(TF) Homo sapiens This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is

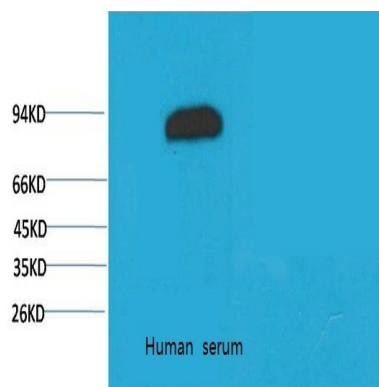
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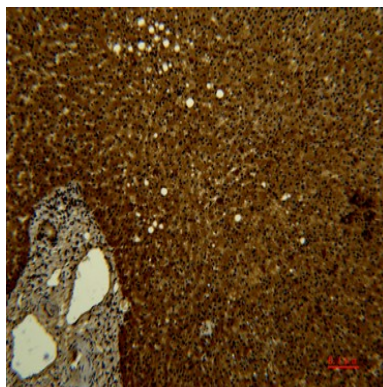
thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal 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. [provided by RefSeq, Sep 2009],disease:Defects in TF are the cause of atransferrinemia [MIM:209300]. Atransferrinemia is rare autosomal recessive disorder characterized by iron overload and hypochromic anemia.,function:Transferrins are iron binding transport proteins which can bind two  $\text{Fe}(3+)$  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.,online information:Transferrin entry,polymorphism:Different polymorphic variants of transferrin are known. The sequence shown is the predominant electrophoretic variant (C1 or TF\*C1),similarity:Belongs to the transferrin family.,similarity:Contains 2 transferrin-like domains.,subunit:Monomer.,tissue specificity:Expressed by the liver and secreted in plasma.,

## 研究领域 (Research Area)

## 图片 (Image Data)



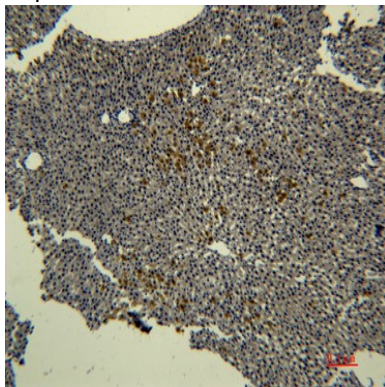
Western blot analysis of Human Serum with Transferrin Mouse mAb diluted at 1:2,000.



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Immunohistochemical analysis of paraffin-embedded human-liver using antibody diluted at 1:50.



Immunohistochemical analysis of paraffin-embedded rat-liver using antibody diluted at 1:50.

#### **注意事项 (Note)**

For research use only .