Transferrin (7F4) Mouse mAb

CatalogNo: YM3152 Orthogonal Validated

Key Features

Host Species
- Mouse

Reactivity
- Human

Applications
- WB,IHC,IF

MW
- 77kD (Observed)

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.

Recommended Dilution Ratios

WB 1:1000-2000
IF 1:200
IHC 1:50-300

Basic Information

Clonality	Monoclonal
Clone Number	7F4

Immunogen Information

Immunogen	Synthetic Peptide of Transferrin
Specificity	The antibody detects endogenous Human Transferrin protein.

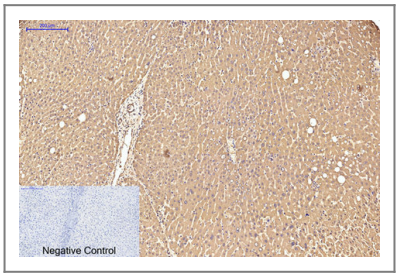
Target Information

Gene name	TF
Protein Name	Serotransferrin

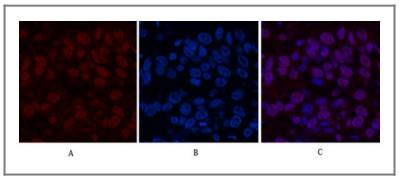
Organism	Gene ID	UniProt ID
Human	7018;	P02787;

Cellular Localization	Secreted.
Tissue specificity	Expressed by the liver and secreted in plasma.
Function	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 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. ,

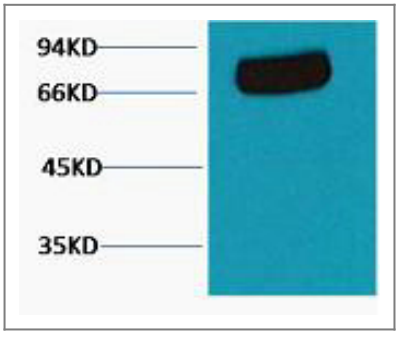
Validation Data



Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1,Transferrin Monoclonal Antibody (7F4) was diluted at 1:200 (4℃ overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98℃,20min). 3,Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Human-lung-cancer tissue. 1,Transferrin Monoclonal Antibody (7F4) (red) was diluted at 1:200 (4℃ overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of Human serum, mAb diluted at 1:2000.

Contact information

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Please scan the QR code to access additional product information:
Transferrin (7F4) Mouse mAb

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