

Transferrin Monoclonal Antibody(7F4)

Description

Product type	Primary Antibody
Code	BT-MCA0076
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Transferrin
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC
Concentration	1 mg/ml
Full name	Serotransferrin
Synonyms	TF; Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

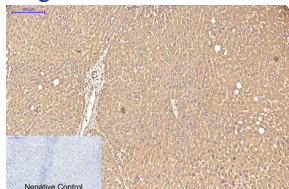
IF: 1:200

IHC: 1:50-300

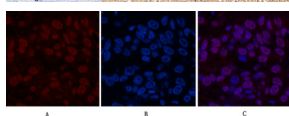
WB: 1:1000-2000

Not yet tested in other applications.

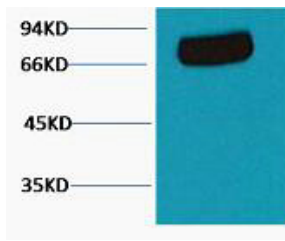
Images



Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1. Transferrin Monoclonal antibody(7F4) was diluted at 1:200(4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 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°C, overnight). 2. Cy3 labeled 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, Monoclonal antibody diluted at 1:2000.

Storage

-20°C for one year

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