Product Datasheet

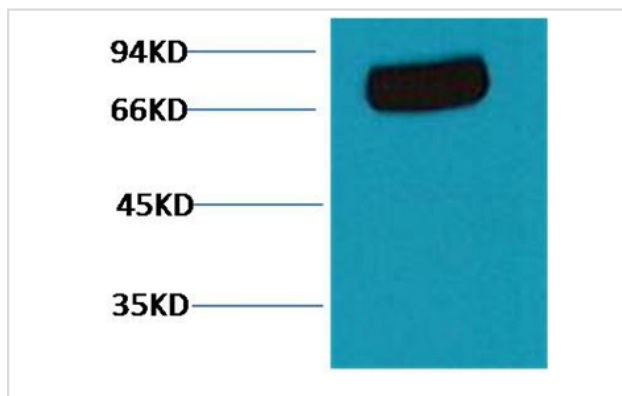# Transferrin Mouse Monoclonal Antibody(7F4)

Catalog No: #38093

Description

|	
Product Name	Transferrin Mouse Monoclonal Antibody(7F4)
Host Species	Mouse
Clonality	Monoclonal
Clone No.	7F4
Purification	Affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Hu
Specificity	The Transferrin Mouse Monoclonal Antibody detects endogenous Human Transferrin protein.
Target Name	Transferrin
Other Names	Apotransferrin antibody, beta 1 metal binding globulin antibody, serotransferrin antibody, TF antibody
Accession No.	Swiss-Prot#:P02787
Uniprot	P02787
GeneID	7018;
SDS-PAGE MW	77kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB dilution: 1:1000~1:2000

IHC dilution:1:50-300IF dilution:1:200

Images

Western blot analysis of Human serum, using #38093 diluted at 1:2,000.
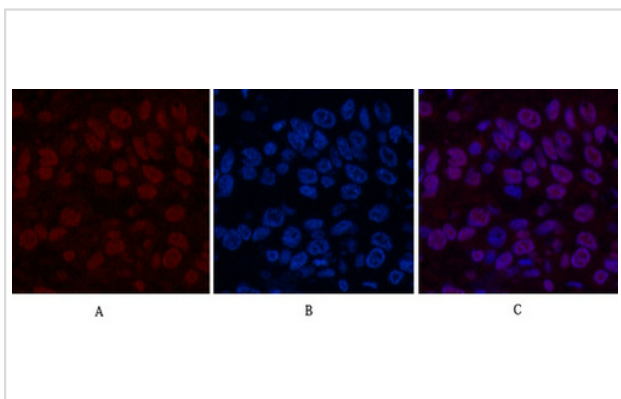
Immunofluorescence analysis of Human-lung-cancer tissue. 1,Transferrin Monoclonal Antibody(7F4)(red) was diluted at 1:200(4C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B
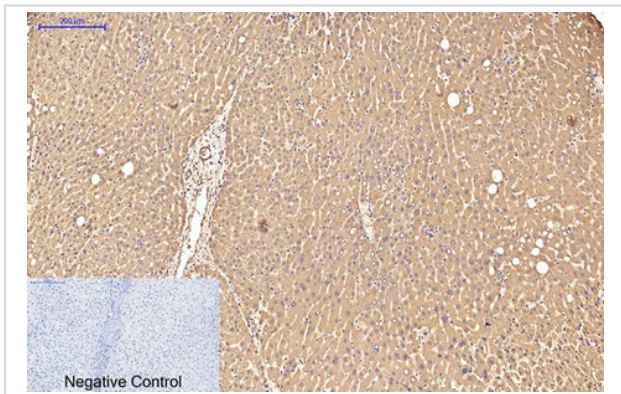
Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1,Transferrin Monoclonal Antibody(7F4) was diluted at 1:200(4C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

Background

Transferrins are iron-binding blood plasma glycoproteins that control the level of free iron in biological fluids. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization.

Note: This product is for in vitro research use only