

Transferrin Monoclonal Antibody(10G3)

Description

Product type	Primary Antibody
Code	BT-MCA1219
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Protein
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ELISA
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.

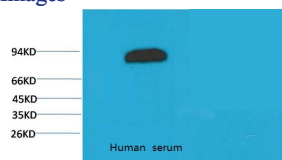
Recommended Dilution

IHC: 1:100-200

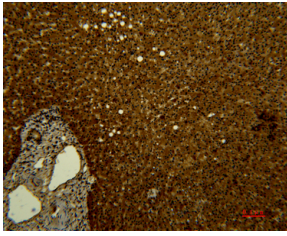
WB: 1:2000-5000

Not yet tested in other applications.

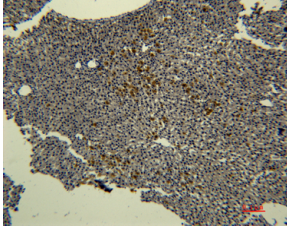
Images



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



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.

Storage

-20°C for one year

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