Transferrin Monoclonal Antibody (6D6)

Catalog No:E20-53589

Applications:IHC-p,WB,ELISA

Reactivity: Human

Gene Name:TF

Protein Name: Serotransferrin (Transferrin) (Beta-1 metal-binding globulin) (Siderophilin)

Human Gene Id:7018

Human Swiss Prot No:P02787

Mouse Swiss Prot No:Q921I1

Immunogen: Protein

Specificity: Transferrin protein detects endogenous levels of Transferrin

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Mouse

Dilution:IHC 1:50-200,WB 1:1000-2000

Purification: The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Names:TF; Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin

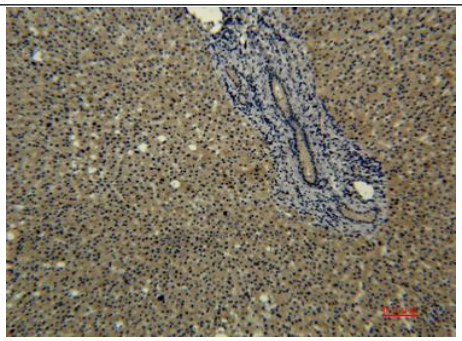
Observed Band(KD):77

Background:transferrin(TF) Homo sapiens 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.

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.

Subcellular Location: extracellularregion, extracellularspace, earlyendosome, lateendosome, clathrin-coatedpit, basal plasma membrane, cell surface, endoso memembrane, cytoplasmic, membrane- bounded vesicle, apical plasma membrane, vesicle coat, endocytic vesicle.

Expression: Bile,Brain,Cajal-Retzius cell,Caudate nucleus,Fetal brain cortex,Fetal liver,Heart,Liver,Plasma.



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