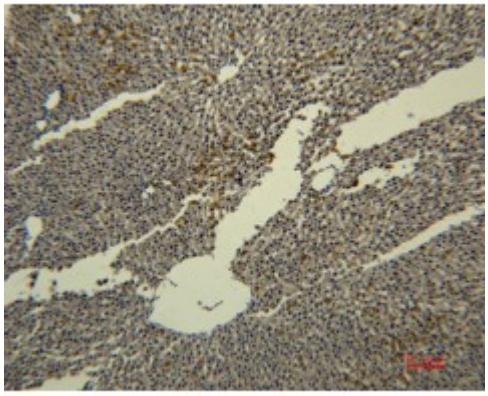
St John's Laboratory

Anti-Transferrin antibody



Description	Mouse monoclonal to Transferrin (4B4).

Model	STJ97608
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Protein
Gene ID	7018
Gene Symbol	TF
Dilution range	IHC 1:100-200
Specificity	Transferrin Mouse Monoclonal Antibody (4B4) detects endogenous levels of Transferrin
Tissue Specificity	Expressed by the liver and secreted in plasma.
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clone ID	4B4
Note	For Research Use Only (RUO).
Protein Name	Serotransferrin Transferrin Beta-1 metal-binding globulin Siderophilin
Clonality	Monoclonal
Conjugation	Unconjugated

Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11740OMIM:190000
Alternative Names	Serotransferrin Transferrin Beta-1 metal-binding globulin Siderophilin
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.
Cellular Localization	Secreted.