

TF antibody

Product Information

Catalog No.:	FNab08930
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	6G10
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Serotransferrin(TF) is a 77 kDa secreted protein which is also named as transferrin, siderophilin, beta-1 metal-binding globulin and belongs to a family of homologous iron-binding glycoproteins that encompasses lactoferrin(found both intracellular and in secretions, including milk), melanotrasferrin(present on melanoma cells) and ovotransferrin(present in egg white). TF is a multi-function protein with a primary role in transporting iron in a safe, redox-inactive state from absorption to utilization or storage sites around the body. The association of Tf with the immune system derives from its ability to restrict serum free-iron levels, creating low-iron environments where the infection capacity of pathogenic microorganisms is limited. TF is expressed predominantly in the liver and secreted in plasma, but lower amounts can be synthesized in other tissues such as the brain and the testis

Immunogen information

Immunogen:	transferrin
Synonyms:	Serotransferrin (Transferrin) Beta-1 metal-binding globulin Siderophilin TF
Observed MW:	77 kDa
Uniprot ID :	P02787

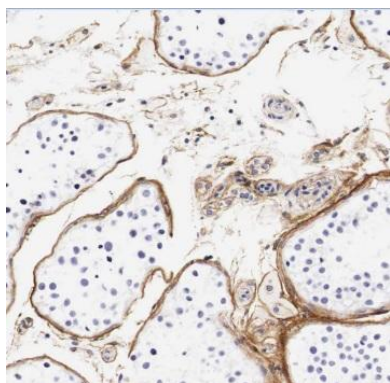
Application

Reactivity:	Human
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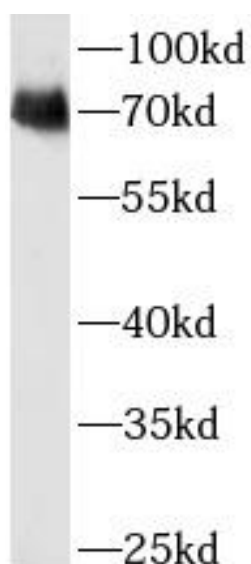
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:2000-1:20000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis tissue slide using FNab08930(TF Antibody) at dilution of 1:50



human plasma tissue were diluted two fold and subjected to SDS PAGE followed by western blot with FNab08930(TF Antibody) at dilution of 1:16000