

Datasheet for ABIN295322 **anti-Transferrin antibody (FITC)**

[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	Transferrin (TF)
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Transferrin antibody is conjugated to FITC
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Native human TF / Transferrin.
Isotype:	IgG
Specificity:	Recognizes human transferrin, an approximately 80kD blood plasma glycoprotein synthesized by the liver, which contains two specific high affinity iron (Fe³⁺) binding sites and is responsible for the transport and supply of an exchangeable pool of iron, through binding to cell surface transferrin receptors. Transferrin is the primary blood iron transport protein and under normal conditions, approximately one-third of total blood transferrin contains bound iron. Measurement of blood transferrin levels can be used as an indicator for blood iron-carrying capacity and abnormalities of iron metabolism such as anemia, iron overload and hemochromatosis. Shows minimal cross reactivity with related serum proteins.
Purification:	Purified

Target Details

Target:	Transferrin (TF)
Alternative Name:	TF / Transferrin (TF Products)
Background:	Name/Gene ID: TF Synonyms: TF, PRO1557, Serotransferrin, Siderophilin, TFQTL1, Beta-1 metal-binding globulin, Transferrin, PRO2086
Gene ID:	7018
UniProt:	P02787
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Approved: IF Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.