

Product datasheet for **BP863**

Transferrin (TF) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA (1/5K - 1/20K).
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Pure human transferrin prepared from pooled normal human serum.
Specificity:	This antibody detects Transferrin. Shows minimal cross reactivity with related serum proteins.
Formulation:	PBS, pH 7.2 without additives. State: Ig Fraction State: Liquid purified Ig fraction. Preservative: 0.09% Sodium Azide.
Concentration:	lot specific
Purification:	Antisera to human transferrin were raised by repeated immunisations of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transferrin
Database Link:	Entrez Gene 7018 Human P02787



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Background:

Transferrin is an approximately 80 kDa blood plasma glycoprotein synthesised 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 anaemia, iron overload and haemochromatosis.

Synonyms:

Serotransferrin, Siderophilin