

Datasheet for ABIN211539
anti-Transferrin antibody (N-Term)



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Overview

Quantity:	0.2 mg
Target:	Transferrin (TF)
Binding Specificity:	N-Term
Reactivity:	Human, Pig, Rabbit
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Transferrin antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Functional Studies (Func)

Product Details

Immunogen:	Purified porcine transferrin (N-TERMINAL).
Isotype:	IgG1
Specificity:	Anti transferrin clone HTF-14 is specific for the N-terminal domain of human transferrin and has been shown to block binding of transferrin to the transferrin receptor (CD71). Clone HTF-14 is not able to recognize receptor bound transferrin. Clone HTF-14 recognizes a conformational epitope in a loop of the N lobe of transferrin involving the critical Lys-144 residue, also essential for binding of the N lobe to the transferrin receptor Transferrin is a 77 kD plasma protein synthesized by the liver involved with the transport of iron. Each transferrin molecule has two domains, both with facility to carry 2 ferric ions. The iron/transferrin complex is essential for haemoglobin synthesis and certain types of cell division.
No Cross-Reactivity:	Cow (Bovine), Sheep (Ovine), Dog (Canine), Horse (Equine)

Product Details

Purification: Protein A 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: Optimal working dilution should be determined by the investigator.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.2, 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.