

Datasheet for ABIN206901
anti-Transferrin antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	Transferrin (TF)
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Transferrin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Radioimmunoassay (RIA), Functional Studies (Func), Blocking Reagent (BR), Neutralization (Neut)

Product Details

Immunogen:	Purified porcine transferrin.
Clone:	HTF-14
Isotype:	IgG1
Specificity:	Recognizes an epitope located in the N-terminal domain of human serum transferrin, a 77 kD single polypeptide chain glycoprotein (member of the iron binding family of proteins). It is synthesized in the liver and consists of two domains each having a high affinity reversible binding site for Fe ³⁺ .
No Cross-Reactivity:	Cow (Bovine), Sheep (Ovine), Dog (Canine), Horse (Equine)
Purification:	Ion exchange chromatography

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: Block, ELISA, Func, ICC, Neut, RIA, WB Usage: Western Blotting: Application note - non-reducing conditions. Immunohistochemistry (paraffin sections): Recommended dilution - 10 µg/mL. Positive tissue - placenta. Functional Application: The antibody HTF-14 blocks binding of transferrin to the receptor. The applications listed have been tested for the unmodified form of this product. Other forms have not been tested. Not recommended for: IHC-P
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 15 mM sodium azide, pH 7.4
Preservative:	Azide free
Handling Advice:	avoid freeze thaw cycles.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.