10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Transferrin Antibody

Rabbit mAb
Catalog # AP90430

Product Information

Application	WB, IHC, FC
Primary Accession	P02787
Reactivity	Human
Clonality	Monoclonal
Other Names	TFQTL1; TF; TRFE; Transferrin; Serotransferrin; Serotransferrin;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	77064

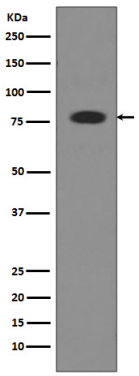
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Transferrin
Description	Transferrins are iron binding transport proteins which can bind two Fe3+ ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	TF (HGNC:11740)
Function	Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation. (Microbial infection) Serves as an iron source for parasite T.brucei (strain 427), which capture TF via its own transferrin receptor ESAG6:ESAG7 and extract its iron for its own use.
Cellular Location	Secreted.
Tissue Location	Expressed by the liver and secreted in plasma.

Images



Western blot analysis of Transferrin expression in Human serum lysate.

Image not found : 202311/AP90430-IHC.jpg

Immunohistochemical analysis of paraffin-embedded Human breast carcinoma, using Transferrin Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.