

#T40111

Transferrin Antibody

- 50 µl
- 100 µl
- 200 µl



Orders ■ 400-6123-828
orders@ab-mart.com

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DESCRIPTION

Transferrins are iron-binding blood plasma glycoproteins that control the level of free iron (Fe) in biological fluids. Human transferrin is encoded by the TF gene. Transferrins 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.

SOURCE

This Abmart monoclonal antibody is produced by immunizing animals with a polypeptide (Abmart SEAL mAb technology) corresponding to Transferrin protein.

STORAGE

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.

ALIASES

Serotransferrin, Transferrin, Beta-1 metal-binding globulin, Siderophilin, TF, PRO1400

REACTIVITY

Human, Mouse, Rat

ISOTYPE

Rabbit IgG

PREDICTED MOLECULAR WEIGHT

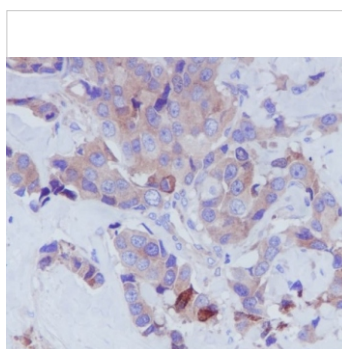
77 kDa

RECOMMEND ANTIBODY DILUTIONS

Western blotting	1:500-1:2000
IHC	1:50-1:200

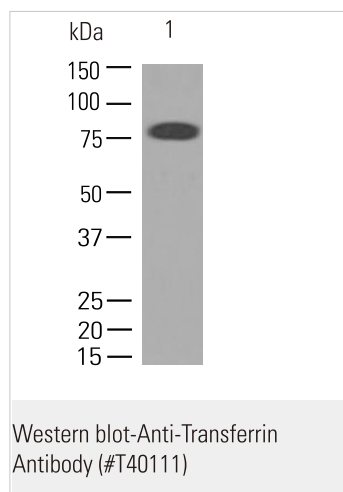
***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

APPLICATION DATA



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

Immunohistochemistry-Anti-Transferrin Antibody (#T40111)



Western blot-Anti-Transferrin Antibody (#T40111)

All lanes : Transferrin Antibody

Lane 1 : Human serum lysate

Secondary

Goat Anti-Rabbit IgG-HRP, 5% skim milk conjugated at 1/10000 dilution

Predicted band size : 77 kDa

Observed band size : 77 kDa

Blocking/Dilution buffer : 1× PBS.

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

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For *in vitro* research use only and not intended for use in humans or animals.