

# Transferrin Monoclonal Antibody(1B12)

Catalog # AP63658

## Product Information

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<b>Application</b>	IHC-P
<b>Primary Accession</b>	<a href="#">P02787</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Calculated MW</b>	77064

## Additional Information

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<b>Gene ID</b>	7018
<b>Other Names</b>	TF; Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin
<b>Dilution</b>	IHC-P~~IHC 1:100-200
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	TF ( <a href="#">HGNC:11740</a> )
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Expressed by the liver and secreted in plasma.

## Background

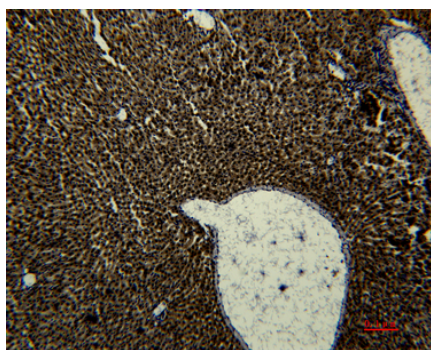
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stimulating cell proliferation.

## Images

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Immunohistochemical analysis of paraffin-embedded rat-liver using antibody diluted at 1:50.

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