

**Product Name: Transferrin (2D5) Mouse Monoclonal Antibody**  
**Catalog #: AMM03325**

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## Summary

<b>Production Name</b>	Transferrin (2D5) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	TF
<b>Alternative Names</b>	TF; Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin
<b>Gene ID</b>	7018
<b>SwissProt ID</b>	P02787.

## Application

<b>Dilution Ratio</b>	ELISA: 1:10000
<b>Molecular Weight</b>	-

## Background

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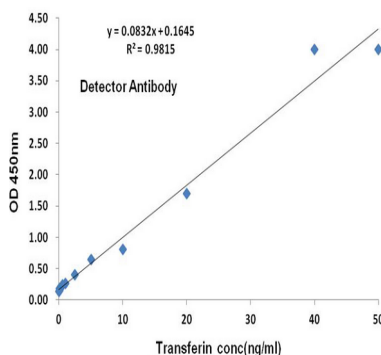


Transferrins are iron binding transport proteins which can bind two Fe<sup>3+</sup> ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.

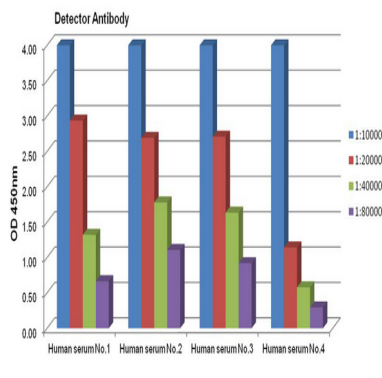
## Research Area

Cardiovascular

## Image Data



Standard Curve for Transferrin: Capture Antibody mouse mAb (2D5E9) to Transferrin at 4ug/ml and Detector Antibody mouse mAb (4H5H7) was used for detecting.



Observed Transferrin levels in several Human serum samples at different dilution.

## Note

For research use only.