

# TTR Monoclonal Antibody

Catalog Number:E-AB-22144

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Protein of TTR
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Clone</b>	Clone:2A4
<b>Purification</b>	Protein A purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

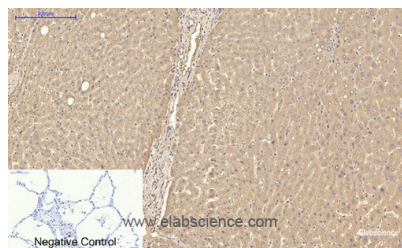
## Applications Recommended Dilution

<b>WB</b>	1:500-2000
<b>IHC</b>	1:50-300

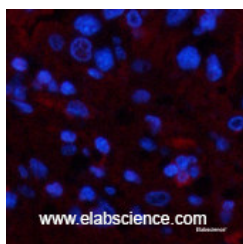
## Data



Western Blot analysis of Human Serum using TTR Monoclonal Antibody at dilution of 1:2000.  
**Observed Mw:16kDa**



Immunohistochemistry of paraffin-embedded Human lung tissue using TTR Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Human liver cancer tissue using TTR Monoclonal Antibody at dilution of 1:200.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

This gene encodes transthyretin, one of the three prealbumins including alpha-1-antitrypsin, transthyretin and orosomucoid. Transthyretin is a carrier protein; it transports thyroid hormones in the plasma and cerebrospinal fluid, and

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also transports retinol (vitamin A) in the plasma. The protein consists of a tetramer of identical subunits. More than 80 different mutations in this gene have been reported; most mutations are related to amyloid deposition, affecting predominantly peripheral nerve and/or the heart, and a small portion of the gene mutations is non-amyloidogenic. The diseases caused by mutations include amyloidotic polyneuropathy, euthyroid hyperthyroxinaemia, amyloidotic vitreous opacities, cardiomyopathy, oculoleptomeningeal amyloidosis, meningocerebrovascular amyloidosis, carpal tunnel syndrome, etc.

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