

TTR Monoclonal Antibody

Catalog Number: E-AB-22144



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

Description

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

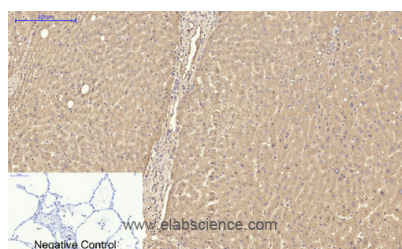
Applications Recommended Dilution

WB	1:500-2000
IHC	1:50-300

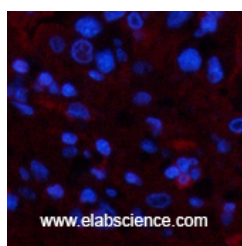
Data



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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