

## TTR mouse Monoclonal Antibody(4A12)

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA1246
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Recombinant Protein of TTR
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Transthyretin
<b>Synonyms</b>	Transthyretin; ATTR; Prealbumin; TBPA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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 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.

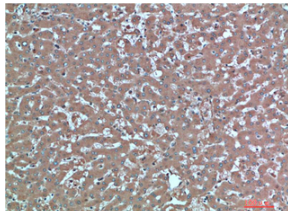
### Recommended Dilution

IHC-p: 1:50-300

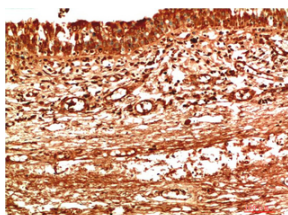
WB: 1:500-2000

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Human Liver Carcinoma Tissue using TTR Mouse Monoclonal antibody diluted at 1:200



Immunohistochemical analysis of paraffin-embedded Human Thyroid Tissue using TTR Mouse Monoclonal antibody diluted at 1:200



Western blot analysis of Human Serum using TTR Mouse Monoclonal antibody diluted at 1:2000.

### Storage

-20°C for one year

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