

## TTR mouse Monoclonal Antibody(3F2)

### Description

|                                |                                       |
|--------------------------------|---------------------------------------|
| <b>Product type</b>            | Primary Antibody                      |
| <b>Code</b>                    | BT-MCA1244                            |
| <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.

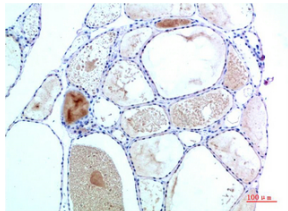
### Recommended Dilution

IHC-p: 1:50-300

WB: 1:500-2000

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Human 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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