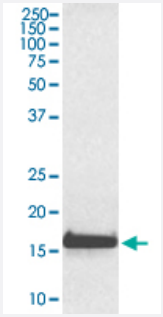
# TTR monoclonal antibody, clone ABOD-20

Catalog # MAB20819 Size 100 uL

## Applications




### Western Blot (Tissue lysate)

Western Blot analysis of human serum lysate with TTR monoclonal antibody, clone ABOD-20 (Cat # MAB20819).

## Specification

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| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human TTR. |
| **Immunogen** | A synthetic peptide corresponding to human TTR. |
| **Host** | Rabbit |
| **Theoretical MW (kDa)** | 15.887 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Flow Cytometry (1:50)<br>Immunocytochemistry (1:50-1:200)<br>Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (1:50-1:200)<br>Immunoprecipitation (1:50)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |

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| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |
| **Storage Instruction** | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Immunoprecipitation
- Western Blot (Tissue lysate)

  Western Blot analysis of human serum lysate with TTR monoclonal antibody, clone ABOD-20 (Cat # MAB20819).

## Gene Info — TTR

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|---|---|
| **Entrez GeneID** | 7276 |
| **Protein Accession#** | P02766 |
| **Gene Name** | TTR |
| **Gene Alias** | HsT2651, PALB, TBPA |
| **Gene Description** | transthyretin |
| **Omim ID** | 176300 |
| **Gene Ontology** | Hyperlink |

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|---|---|
| **Gene Summary** | 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. [provided by RefSeq |
| **Other Designations** | prealbumin, amyloidosis type I\|thyroxine-binding prealbumin |

## Disease

- Alzheimer disease
- Amyloid Neuropathies
- Amyloidosis
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Heart Diseases
- Kidney Failure
- Schizophrenia

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