

## Product datasheet for **AM09365PU-N**

### Prealbumin (TTR) Mouse Monoclonal Antibody [Clone ID: AT7B2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	AT7B2
Applications:	WB
Recommended Dilution:	ELISA, WB
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human TTR (21-147aa) purified from E. coli
Specificity:	The antibody recognizes Human and Mouse TTR. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Predicted Protein Size:	13.7 kDa
Gene Name:	transthyretin
Database Link:	<a href="#">NP_000362</a> <a href="#">Entrez Gene 22139 Mouse</a> <a href="#">Entrez Gene 7276 Human</a> <a href="#">P02766</a>



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**Background:**

TTR encodes transthyretin, a circulating and abundant tetramer that functions as a carrier protein of thyroid hormone and retinol binding protein. Transthyretin(TTR) is mainly produced in the liver, but also in the brain and eye. Mutations in TTR cause the protein to dissociate into monomers that after misfolding assemble into amyloid fibrils deposits in a diversity of organs. TTR is also the only gene known to be associated with familial TTR amyloidosis. Familial transthyretin (TTR) amyloidosis is characterized by a slowly progressive peripheral sensorimotor neuropathy and autonomic neuropathy as well as non-neuropathic changes of cardiomyopathy, nephropathy, vitreous opacities, and CNS amyloidosis.

**Synonyms:**

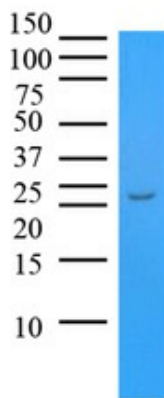
ATTR; HsT2651; PALB; Prealbumin; TBPA; transthyretin

**Protein Families:**

ES Cell Differentiation/IPS, Secreted Protein

**Product images:**

Mouse Liver Lysates



Western blot analysis: Mouse Liver lysates (35 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human TTR No. (1:3000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.