Mouse anti-Human Transthyretin Monoclonal Antibody | anti-TTR antibody

Transthyretin (Prealbumin) Mouse Monoclonal Antibody [Clone TTR/4295]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215967	**Mouse**	**Human**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Transthyretin; Monoclonal Antibody; Transthyretin (Prealbumin) Mouse Monoclonal Antibody [Clone TTR/4295]; Transthyretin (Prealbumin); PALB; HsT2651; prealbumin; amyloidosis type 1; ATTR; TBPA; CTS; CTS1; carpal tunnel syndrome 1; thyroxine-binding prealbumin; HEL111; TTR protein; Epididymis luminal protein 111; prealbumin thyroxine binding; senile systemic amyloidosis antibody; anti-TTR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b, kappa
Clone Number	TTR/4295
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-TTR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant human full-length protein
Cellular Localization	Secreted, Cytoplasm
Positive Control	Human liver.
Hu-chromosome Location	18q12.1
Unigene	427202
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human liver stained with Transthyretin Mouse Monoclonal Antibody (TTR/4295).

ADDITIONAL INFORMATION

Related Product Information for anti-TTR antibody	Prealbumin, also designated transthyretin, is a major thyroid-hormone binding protein involved in transporting thyroxine from the bloodstream to the brain. Prealbumin is located in the cytoplasm and in the vesicles of developing rat brain cells, and is thought to be transported there from the cerebrospinal fluid via endocytosis. Sequence variants of this protein have been identified in amyloid fibrils from patients with familial amyloidotic polyneuropathy (FAP), the most common form of hereditary systemic amyloidosis. Although the biologically active form of Prealbumin is a tetramer, the amyloidogenic intermediate is thought to be a monomeric species. Prealbumin also binds to the retinol carrier protein RBP (retinol-binding protein).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507725
NCBI GeneID	7276
NCBI Accession #	NP_000362.1
NCBI GenBank Nucleotide #	NM_000371.3
UniProt Accession #	P02766; Q549C7; Q6IB96; Q9UBZ6; Q9UCM9
Molecular Weight	15,887 Da
NCBI Official Full Name	transthyretin
NCBI Official Synonym Full Names	transthyretin
NCBI Official Symbol	TTR
NCBI Official Synonym Symbols	CTS; CTS1; PALB; TBPA; HsT2651
NCBI Protein Information	transthyretin; ATTR; carpal tunnel syndrome 1; thyroxine-binding prealbumin; prealbumin, amyloidosis type I
UniProt Protein Name	Transthyretin
UniProt Gene Name	**TTR**
UniProt Synonym Gene Names	PALB
UniProt Entry Name	TTHY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/transthyretin-antibody-clone-ttr-4295-immunohistochemistry-western-blot-elisa/215967