

## Mouse Monoclonal Antibody to TTR

<b>Catalogue Number</b>	sAP-1125
<b>Target Molecule</b>	<b>Name: TTR</b> <b>Aliases:</b> CTS; CTS1; PALB; TBPA; HEL111; HsT2651 <b>MW: 15.9kDa</b> <b>Entrez Gene ID: 7276</b>
<b>Description</b>	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
<b>Immunogen</b>	Purified recombinant fragment of human TTR (AA: 1-147) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM2E10C5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	J Biol Chem. 2013 Nov 1;288(44):31752-60. ; Clin Exp Rheumatol. 2013 May-Jun;31(3):394-9.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**