

## Mouse Monoclonal Antibody to SERPINA7

<b>Catalogue Number</b>	sAP-0850
<b>Target Molecule</b>	<b>Name:</b> SERPINA7 <b>Aliases:</b> TBG <b>MW:</b> 46.3kDa <b>Entrez Gene ID:</b> 6906
<b>Description</b>	There are three proteins including thyroxine-binding globulin (TBG), transthyretin and albumin responsible for carrying the thyroid hormones thyroxine (T4) and 3,5,3'-triodothyronine (T3) in the bloodstream. This gene encodes the major thyroid hormone transport protein, TBG, in serum. It belongs to the serpin family in genomics, but the protein has no inhibitory function like many other members of the serpin family. Mutations in this gene result in TGB deficiency, which has been classified as partial deficiency, complete deficiency, and excess, based on the level of serum TBG. Alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of these variants has not been determined. ;
<b>Immunogen</b>	Purified recombinant fragment of human SERPINA7 (AA: 168-302) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM5B11E9;
<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 H2O, 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>	1. Gene. 2012 Sep 15;506(2):289-94. ; 2. Endocr Regul. 2010 Apr;44(2):43-7.

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**