

## Mouse Monoclonal Antibody to TSHB

<b>Catalogue Number</b>	sAP-1279
<b>Target Molecule</b>	<p><b>Name:</b> TSHB</p> <p><b>Aliases:</b> TSH-B; TSH-BETA</p> <p><b>MW:</b> 15.6kDa</p> <p><b>Entrez Gene ID:</b> 7252</p>
<b>Description</b>	The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are associated noncovalently. The alpha subunits of these hormones are identical, however, their beta chains are unique and confer biological specificity. Thyroid stimulating hormone functions in the control of thyroid structure and metabolism. The protein encoded by this gene is the beta subunit of thyroid stimulating hormone. Mutations in this gene are associated with congenital central and secondary hypothyroidism and Hashimoto's thyroiditis. Alternative splicing of this gene results in multiple transcript variants.;
<b>Immunogen</b>	Purified recombinant fragment of human TSHB (AA: 20-139) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM1D12G1;
<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: ; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Mol Biol Rep. 2012 Dec;39(12):10019-30. ; 2.Thyroid. 2010 Jun;20(6):639-45. ;

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**