



# Magic™ Anti-TSHB monoclonal antibody, clone C2657N (DCAB-TJ182)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen 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 a
<b>Specificity</b>	Recognizes beta subunit of human TSH.
<b>Immunogen</b>	TSH from human pituitary gland.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	C2657N
<b>Purification</b>	> 90% pure (SDS-PAGE). Protein A Chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Capture Detection DCAB- Suggested pair for testing (Capture - Detection): DCAB-TJ182 - <a href="#">DCAB-TJ181</a>
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot Specific mg/mL (OD280 nm, E0.1% = 1.4)

<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TSHB thyroid stimulating hormone, beta [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TSHB
<b>Synonyms</b>	TSHB; thyroid stimulating hormone, beta; TSH-B; TSH-BETA; thyrotropin subunit beta; thyrotropin beta chain; Thyrotropin subunit beta; Thyroid-stimulating hormone subunit beta; Thyrotropin beta chain; Thyrotropin alfa
<b>Entrez Gene ID</b>	<a href="#">7252</a>
<b>Protein Refseq</b>	<a href="#">NP_000540</a>
<b>UniProt ID</b>	<a href="#">P01222</a>
<b>Chromosome Location</b>	1p13
<b>Pathway</b>	Amine-derived hormones, organism-specific biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events
<b>Function</b>	hormone activity