



Magic™ Anti-TSH monoclonal antibody, clone 305-23363 (DCAB-TJ254)

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

PRODUCT INFORMATION

Immunogen	Affinity purified human TSH and TSH beta chain.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	305-23363
Affinity Constant	1.1 x 10 ¹⁰
Purification	> 90% pure (SDS-PAGE). Protein A Chromatography. Product is 0.2 µm filtered.
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. This antibody pairs with Catalog #DCAB-TJ255. 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. Suggested pair for testing (Capture - Detection): DCAB-TJ254 - DCAB-TJ255
Format	Purified, Liquid
Concentration	4.91 mg/mL (OD ₂₈₀ nm, E _{0.1%} = 1.4)
Size	1 mg
Buffer	10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.
Preservative	0.1% Sodium Azide

Storage	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
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BACKGROUND

Introduction	Thyroid-stimulating hormone (also known as thyrotropin, TSH, or hTSH for human TSH) is a hormone that stimulates the thyroid gland to produce thyroxine (T4), and then triiodothyronine (T3) which stimulates the metabolism of almost every tissue in the body. It is a glycoprotein hormone synthesized and secreted by thyrotrope cells in the anterior pituitary gland, which regulates the endocrine function of the thyroid gland.
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Keywords	TSH; thyrotropin; TSH; hTSH; human TSH; Thyroid-stimulating hormone
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GENE INFORMATION

Entrez Gene ID	12640
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UniProt ID	A2AVN3
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