

AM05116PU-N**Monoclonal Antibody to TSH - Purified**

Alternate names:	TSH, TSH beta, TSHB, Thyroid-stimulating hormone subunit beta, Thyrotropin subunit beta
Quantity:	1 mg
Concentration:	5.57 mg/ml (OD280nm, E0.1% = 1.4)
Background:	Various hormones are secreted from the anterior pituitary during development and growth. Thyroid Stimulating Hormone (TSH) is secreted from the anterior pituitary and controls thyroid structure and metabolism.
Uniprot ID:	P01222
NCBI:	NP_000540.2
GeneID:	7252
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	057-11005
Immunogen:	Human pituitary gland
Format:	State: Liquid purified Ig fraction (>90% pure by SDS-PAGE). Purification: Caprylic Acid/ABX Buffer System: 10mM Phosphate, pH 7.4 containing 150mM Sodium Chloride and 0.09% Sodium Azide
Applications:	ELISA. <u>Recommended pairs for Sandwich Immunoassay:</u> Capture: AM05116PU-N Detection: AM05121PU-N Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Thyroid Stimulating Hormone. <u>Cross-reactivity:</u> TSH: 100% LH: 2.1% FSH: 1.0% hCG: 0.0% Species: Human. Other species not tested. Affinity Constant: 1.8 x 10 ¹⁰ L/m

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.