

12-8319: Anti-Human Thyroid Stimulating Hormone Alpha-Purified

Clonality :	Monoclonal
Clone Name :	176
Reactivity :	Human
Alternative Name :	HCG, GPHa, GPHA1, CGA, Thyrotropin
Isotype :	IgG
Immunogen Information :	Purified Recombinant Human TSH-? (>98%)

Description

Specificity: Mouse Anti-Human Thyroid Stimulating Hormone Alpha (TSH-?) (Clone 176) recognizes Human Thyroid Stimulating Hormone Alpha. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background: Thyroid-stimulating hormone (TSH), also known as thyrotropin, is a glycoprotein hormone¹ that regulates the endocrine function of the thyroid gland.² The most important controller of TSH secretion is thyroid-releasing hormone. Thyroid-releasing hormone is secreted by hypothalamic neurons into hypothalamic-hypophyseal portal blood, finds its receptors on thyrotrophs in the anterior pituitary and stimulates secretion of TSH.¹ Independent of age, thyroid cancer incidence correlates with higher TSH. Higher TSH is associated with extrathyroidal extension of disease.³

Product Info

Amount :	1.0 mg Concentration: 1.0 mg/ml
Content :	Formulation: This purified antibody is supplied in 0.05 M phosphate buffered saline (PBS), pH 7.4, containing 0.1% sodium azide.
Storage condition :	This Purified Antibody is stable when stored at 2-8°C. Do not freeze.