

Human TSH- β Antibody

Purified No Carrier Protein

Monoclonal Antibody

Product Information

Product No.: T114

Clone: 155

RRID: AB_2737567

Isotype: Mouse IgG

Storage: Sterile 2° to 8°C

Product Description

Specificity:

Mouse Anti-Human Thyroid Stimulating Hormone Beta (TSH- β) (Clone 155) recognizes Human Thyroid Stimulating Hormone Beta. 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) 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

Known Reactivity Species:

Human

Format:

Purified No Carrier Protein

Immunogen:

Purified Recombinant Human TSH- β (>98%)

Formulation

This purified antibody is supplied in 0.05 M phosphate buffered saline (PBS), pH 7.3 - 7.5, containing 0.1% sodium azide. as a preservative.

Storage and Stability

This Purified Antibody is stable when stored at 2° to 8°C. **Do not freeze.**

Country of Origin

USA

References

- 1) (1998) Bowen A
- 2) McPherson et al. (2000) Placenta 24: 941
- 3) Wenger, R H et al. (2003) Wildmann's Clinical Interpretation of Laboratory Tests