9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 12-8319: Anti-Human Thyroid Stimulating Hormone Alpha-Purified (discontinued)

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| **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

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| **Amount :** | 1.0 mg |
| **Content :** | Concentration: 1.0 mg/ml<br>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. |

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***