

# Anti-TSH Antibody (1H4G9)

Mouse Monoclonal Antibody Catalog # ABV12097

## **Product Information**

**Application** E

Primary AccessionP01222ReactivityHumanHostMouseClonalityMonoclonalIsotypeMouse IgG1, κ

Clone Names 1H4G9 Calculated MW 15639

#### **Additional Information**

**Gene ID** 7252

Positive Control ELISA

Application & Usage ELISA Capture: 0.5-10 @/ml, ELISA Detection: 0.05-0.2 @/ml

Other Names Thyroid-stimulating hormone subunit beta, TSH-B, Thyrotropin beta chain

Target/Specificity Thyrotropin subunit beta

Antibody Form Liquid

**Appearance** Colorless liquid

Reconstitution & Storage -20 °C

**Background Descriptions** 

**Precautions** Anti-TSH Antibody (1H4G9) is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **Protein Information**

Name TSHB

**Function** Indispensable for the control of thyroid structure and metabolism.

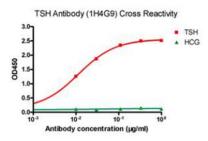
Cellular Location Secreted.

# **Background**

Thyrotropin-stimulating hormone (TSH) is a noncovalently linked glycoprotein heterodimer and is part of a

family of pituitary hormones containing a common alpha subunit and a unique beta subunit that confers specificity. Free alpha and beta subunits have essentially no biological activity. TSH (Thyroid stimulating hormone) is secreted from cells in the anterior pituitary and it is indispensable for the control of thyroid structure and metabolism. Free alpha and beta subunits have essentially no biological activity. TSH Antibody is produced from the hybridoma resulting from fusion of Sp2/0 myeloma and lymphocytes obtained from mouse immunized with purified TSH from human pituitary.

### **Images**



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.