

# BIOCHECK, INC.

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## PRODUCT SPECIFICATIONS

**Product Name:** Mouse Monoclonal Anti-Beta-TSH

**Catalog Number:** 70276(BC-155)

**Lot Number:**

**Quantity:** \_\_\_\_\_ mg (= \_\_\_\_\_ ml)

**Antibody Concentration ( $A_{280nm}$ ):** \_\_\_\_\_ mg/ml

**Subclass:** IgG<sub>1</sub>

**Product Form:** DEAE column chromatography purified immunoglobulin fractions in 0.015M KPO<sub>4</sub> buffer, pH = 7.40, containing 0.85% NaCl, 0.1% NaN<sub>3</sub>.

**Storage:** At 2-8° C. DO NOT FREEZE. Precipitation may occur upon freezing.

**Specificity:** Human TSH and TSH  $\beta$ -subunit

**Affinity Constant:**  $2 \times 10^{10}$  l/mol.

**Cross-Reactivity:** Less than 0.1% cross-reactivity with human alpha-hCG, intact hCG, LH, FSH, growth hormone, or prolactin.

**Suggested Use:** For solid phase immobilization or enzyme conjugation in the **human TSH sandwich immunoassay**.

**Pairing Information:** This antibody pairs with Goat Anti- $\beta$ -TSH (affinity purified P/N: 70342) and TSH MoAb (P/N: 70204) in the TSH sandwich immunoassay.