

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: E92183M **Lot #:** 2F16821

Description: MAb to Human TSH
Monoclonal Antibody to Human Thyroid Stimulating Hormone (TSH), Intact & beta

Specificity: Human TSH and TSH beta subunit.
< 0.1% cross-reactivity with human alpha hCG, intact hCG, LH, FSH, growth hormone, or prolactin.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Human TSH

Format: Purified, Liquid

Purification: DEAE Column Chromatography

Concentration: 5.26 mg/mL (OD280nm)

Affinity Constant: 1×10^{10} L/mol

Buffer: 0.015 M Potassium Phosphate Buffer, pH 7.4 containing 0.85% Sodium Chloride.

Preservative: 0.1% Sodium Azide

Applications: For solid phase immobilization or enzyme conjugation in the human TSH sandwich immunoassay. Pairs with Goat anti-Beta-TSH (Catalog #D92409G) in the TSH sandwich immunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store (up to 1 year) at 2–8°C. **DO NOT FREEZE!** Precipitation may occur upon freezing.

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



17 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY