

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** MAF05-025 **Lot #:** 14E12311

**Description:** MAb to hCG beta  
Monoclonal Antibody to Human Chorionic Gonadotropin (hCG) beta Subunit

**Specificity:** This antibody is specific for intact hCG and its beta subunit. Does not cross react with hCG alpha subunit.

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>, kappa

**Source:** Ascites

**Immunogen:** hCG isolated from Human pregnancy urine.

**Format:** Purified, Liquid **Exp. Date:** 04 FEB 2022

**Purification:** > 90% pure (SDS-PAGE). Protein A Chromatography  
Product is 0.2 µm filtered.

**Concentration:** 5.48 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

**Buffer:** 10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.

**Preservative:** 0.05% Sodium Azide

**Applications:** Suitable for use in ELISA. 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.  
Recommended pairs for sandwich immunoassay:  

<u>Capture</u>	<u>Detection</u>
MAF05-025	MAF05-019

**Storage:** Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

  
Signature

04 February 2020  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**