

# BIOCHECK, INC.

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## PRODUCT SPECIFICATIONS

**Product Name:** Mouse Monoclonal Anti-Hepatitis B Virus Surface Antigen (HBsAg)

**Catalog Number:** 70277 (NN<sub>1</sub>K<sub>1</sub>)

**Lot Number:**

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

**Antibody Concentration (A<sub>280nm</sub>):** \_\_\_\_\_ mg/ml

**Subclass:** IgG<sub>2b</sub>

**Product Form:** DEAE column chromatography purified immunoglobulin fraction in 0.015 M 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:** Reacts with all 4 subtypes, adr, adw, ayr, and ayw of the hepatitis B virus surface antigen.

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

**Suggested Use:** For enzyme conjugation (detection) or solid phase coating (capture).

**Pairing Information:** This antibody pairs with Goat Anti-HBsAg Antibody (affinity purified) or with HBsAg MoAb (P/N: 70254) in the sandwich immunoassay.