

CERTIFICATE OF ANALYSIS

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

Catalog #: C86401M **Lot #:** 7D09820

Description: MAb to HBsAg
Monoclonal Antibody to Hepatitis B Surface Antigen (HBsAg)

Specificity: Hepatitis B virus surface antigen. Reacts with the following HBsAg subtypes: ayw1, ayw2, ayw3, ayw4, ayr, adw2, adw4, adr^q+, adr^q- and ayw3 (Fer).

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Recombinant HBsAg of ayw subtype.

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE). Protein G Chromatography

Concentration: 4.1 mg/mL (OD_{280nm}, E^{0.1%}=1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% 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 pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C86303M	C86401M (Sensitivity 50 pg/mL)

Storage: Store at 2–8°C.

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

Bianca Gale

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY