

CERTIFICATE OF ANALYSIS

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

Catalog #: C8A034B **Lot #:** 1H23210

Description: MAb to Hepatitis B Core (ayw)
Monoclonal Antibody to Hepatitis B Core Antigen (HBcAg), ayw Subtype
Biotin Conjugated

Specificity: HBcAg core antigen (amino acids 135-140). Reacts with synthetic HBc peptides.

Host Animal: Mouse **Isotype:** IgG_{2b}

Source: Ascites

Immunogen: Recombinant HBcAg core antigen (ayw).

Format: Biotin, Liquid

Purification: Protein A Chromatography

Concentration: 1.0 mg/mL

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: None

Applications: Suitable for use in ELISA, Western Blot and Immunoprecipitation of *in vitro*-translated core and pre-core proteins. Strongly recognizes Woodchuck Hepatitis virus core (WHc), but not Duck Hepatitis B virus core (DHBc) in ELISA and Immunoblot. 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: Short term (up to 2 months) store at 2–8°C. Long term, aliquot and store at -70°C. Avoid multiple freeze/thaw cycles.

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

Quality Signature:



31 Aug 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY