

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** C8A034M **Lot #:** 2D09809

**Description:** MAb to Hepatitis B Core (ayw)  
Monoclonal Antibody to Hepatitis B Core Antigen (HBcAg)

**Specificity:** HBcAg core antigen. Amino acids 135-140 core antigen. Reacts with synthetic HBc peptides.

**Host Animal:** Mouse **Isotype:** IgG<sub>2b</sub>

**Source:** Ascites

**Immunogen:** Recombinant HBcAg core antigen (ayw).

**Format:** Purified, Liquid

**Purification:** Protein A Chromatography

**Concentration:** 1 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 -80°C. Avoid multiple freeze/thaw cycles.

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

Quality Signature:



19 Jul 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**