



Anti-HBV Core Protein Monoclonal antibody, Clone C944M (DMAB3493)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with HBcAg, adw and ayw
Target	HBV Core Protein
Immunogen	Full-length HBcAg recombinant
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	HBV
Clone	C944M
Affinity Constant	Not determined
Purification	90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	<p>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.</p> <p>Recommended antibody pairs for sandwich immunoassay:</p> <p>Capture Detection</p> <p>DMAB3493 DMAB3494</p> <p>DMAB3493 DMAB3493</p> <p>DMAB3493 DMAB3495</p> <p>Suggested pair for testing (Capture - Detection): DMAB3493 - DMAB3495</p>
Format	Purified, Liquid

Concentration	100ug/ml (OD280nm, E0.1%= 1.3)
Size	1 mg
Buffer	0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Short term store at 2-8°C. Long term aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Hepatitis B Virus CoreAntigen (HBcAg) is part of the infectious virion containing an inner"core particle" enclosing the viral genome. The icosahedral coreparticle contains 180 or 240 copies of the core protein. HBcAg is one of thethree major clinical antigens of hepatitis B virus but disappears early inthe course of infection. The hepatitis B virus core antigen (HBcAg) is ahighly immunogenic subviral particle and functions as both a T-cell-dependantand a T-cell-independent antigen. Therefore, HBcAg may be a promisingcandidate target for therapeutic vaccine control of chronic HBV infection.
Keywords	Hepatitis B Virus Core Antigen; HBcAg; Core antigen; C; Core; HBc; NEWENTRY; HBCAG CORE HUMAN; HEPATITIS B VIRUS CORE ANTIGEN