

Product datasheet for **BM3313**

Hepatitis B Core Antigen / HBcAg (ayw) Mouse Monoclonal Antibody [Clone ID: 10C6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	10C6
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	Suitable for use in ELISA, Western blot, IHC and Immunoprecipitation of in vitro-translated core and pre-core proteins.
Reactivity:	Hepatitis B Virus
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody detects HBcAg core antigen. Produced against recombinant HBcAg core antigen (ayw). Reacts with synthetic HBc peptides. Strongly recognizes WHc (but not DHBc) in ELISA and Immunoblot.
Formulation:	PBS, pH 7.4 containing 0.01% sodium azide as preservative. State: Ascites State: Liquid diluted ascites.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Hepatitis B Virus Core Antigen (HBcAg) is part of the infectious virion containing an inner "core particle" enclosing the viral genome. The icosahedral core particle contains 180 or 240 copies of the core protein. HBcAg is one of the three major clinical antigens of hepatitis B virus but disappears early in the course of infection. The hepatitis B virus core antigen (HBcAg) is a highly immunogenic subviral particle and functions as both a T-cell-dependent and a T-cell-independent antigen. Therefore, HBcAg may be a promising candidate target for therapeutic vaccine control of chronic HBV infection.
Synonyms:	HBV Capsid protein, HBV Core protein, p21.5



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