



## Monoclonal Antibody to Hepatitis B Core Antigen / HBcAg - Ig Fraction

<b>Alternate names:</b>	HBV Capsid protein, HBV Core protein, p21.5
<b>Catalog No.:</b>	BM1134
<b>Quantity:</b>	0.2 mg
<b>Concentration:</b>	0.25 mg/ml
<b>Background:</b>	HBcAg is the highly immunogenic 21kDa replicative form of the Hepatitis B virus (HBV), expressed by infected cells.
<b>Host / Isotype:</b>	Mouse / IgG2b
<b>Clone:</b>	H69
<b>Immunogen:</b>	Purified hepatitis B core antigen. Spleen cells from immunised Balb/C mice were fused with cells of the SP2/O-Ag-14 myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography and refined by S300 exclusion chromatography <b>Buffer System:</b> PBS, pH 7.2 containing 0.09% Sodium Azide
<b>Applications:</b>	Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific for Hepatitis B core antigen (HBcAg). Antibodies to HBcAg are produced by the host during and following an acute HBV infection and can be detected in chronic HBV carriers and patients recovered from HBV infection, usually persisting in the body for life.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.