

Monoclonal Antibody to Hepatitis B E Antigen / HBeAg - Purified

Alternate names:	HBV External core antigen, HBV Precore protein
Catalog No.:	BM3314
Quantity:	1 mg
Concentration:	1.5 mg/ml (OD280 nm, E0.1%=1.4)
Background:	Hepatitis B e-antigen (HBeAg) is a viral protein associated with HBV infections. Unlike the surface antigen, the e-antigen is found in the blood only when there are viruses also present. When the virus goes into “hiding,” the e-antigen will no longer be present in the blood. HBeAg is often used as a marker of ability to spread the virus to other people (infectivity). Measurement of e-antigen may also be used to monitor the effectiveness of HBV treatment; successful treatment will usually eliminate HBeAg from the blood and lead to development of antibodies against e-antigen (anti-HBe). There are some types (strains) of HBV that do not make e-antigen; these are especially common in the Middle East and Asia. In areas where these strains of HBV are common, testing for HBeAg is not very useful.
Host / Isotype:	Mouse / IgG2b
Recommended Isotype Controls:	SM12P, AM03110PU-N
Clone:	AC5
Immunogen:	Recombinant HBe antigen
Format:	State: Liquid purified Ig fraction. Purification: DEAE Chromatography. Buffer System: PBS, pH 7.4, containing 0.09% sodium azide as preservative.
Applications:	Suitable for use in ELISA (tested using recombinant HBe). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with Hepatitis B 'e' (HBe) Antigen.
Storage:	Store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.