

BM3023**Monoclonal Antibody to Hepatitis B E Antigen / HBeAg - Purified**

Quantity:	1 mg
Concentration:	6.0 mg/ml
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 / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	774
Immunogen:	Recombinant HBeAg
Format:	State: Liquid purified Ig fraction from Ascites (>90% pure) (one band on SPE gel) Purification: Caprylic acid purified. Buffer System: 10 mM PBS, pH 7.2 Preservatives: 0.025% Sodium Azide
Applications:	Suitable for use in EIA for the specific determination of HBeAg. Recommended pair for sandwich immunoassay: <u>Capture:</u> BM3024 <u>Detection:</u> BM3023 Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Human Hepatitis B “e” Antigen (HBeAg). Other Species not tested. Affinity Constant: 1×10^9 L/m
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.