

## Product datasheet for **BM3023**

### Hepatitis B E Antigen / HBeAg Mouse Monoclonal Antibody [Clone ID: 774]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	774
Applications:	ELISA
Recommended Dilution:	Suitable for use in EIA for the specific determination of HBeAg. <b>Recommended pair for sandwich immunoassay:</b> Capture: BM3024 Detection: BM3023
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant HBeAg
Specificity:	This antibody detects Human Hepatitis B "e" Antigen (HBeAg). Other Species not tested.
Formulation:	10 mM PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction from Ascites (>90% pure) (one band on SPE gel) Preservative: 0.025% Sodium Azide
Concentration:	lot specific
Purification:	Caprylic acid purified.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.



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**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.