

## Product datasheet for **AM00874PU-N**

### Hepatitis B E Antigen / HBeAg Mouse Monoclonal Antibody [Clone ID: BDI814]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	BDI814
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Hepatitis B Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	This antibody is specific for the e antigen of Hepatitis B Virus.
Formulation:	0.01M PBS, pH 7.2. containing 0,09% sodium azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	>90% pure. Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
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.
Synonyms:	HBV External core antigen, HBV Precore protein



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