

AM00874PU-N**Monoclonal Antibody to Hepatitis B E Antigen / HBeAg - Purified**

Alternate names:	HBV External core antigen, HBV Precore protein
Quantity:	1 mg
Concentration:	0,1 mg/ml (OD280nm, 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 / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	BD1814
Format:	State: Liquid purified IgG Purification: >90% pure. Protein A chromatography Buffer System: 0.01M PBS, pH 7.2. containing 0,09% sodium azide
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific for the e antigen of Hepatitis B Virus.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.