

人乙型肝炎 e 抗原单克隆（检测）抗体

产品货号： mlR2023

英文名称： HBeAg(2E6)

中文名称： 人乙型肝炎 e 抗原单克隆（检测）抗体

别名： Core antigen; Core protein; HBe antigen; HBeAg; HBVgp4; Pre C,C; Precore protein; Precore/core; Precore/core ORF; Precore/core protei; HBEAG_HBVD3; External core antigen; HBeAg; p25.

研究领域： 免疫学 细菌及病毒

抗体来源： Mouse

克隆类型： Monoclonal

克隆号： 2E6

交叉反应： HBeAg

产品应用： ELISA=1:500-1000 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 18kDa

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： HBeAg full length protein:

亚 型 : IgG

纯化方法 : affinity purified by Protein G

储 存 液 : 0.01M TBS(pH7.4) with 0.03% Proclin300

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : 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.

Function:

May regulate immune response to the intracellular capsid in acting as a T-cell tolerogen, by having an immunoregulatory effect which prevents destruction of infected cells by cytotoxic T-cells. This immune regulation may predispose to chronicity during perinatal infections and prevent severe liver injury during adult infections.

Subunit:

Homodimerizes.

Subcellular Location:

Secreted. Host nucleus.

Post-translational modifications:

Phosphorylated.

Cleaved by host furin.

Similarity:

Belongs to the orthohepadnavirus precore antigen family.

SWISS:

Q89714

Gene ID:

944568

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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