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Datasheet for ABIN723045

anti-Hepatitis B Virus E Antigen (HBeAg) antibody (HRP)

Overview

Quantity:	100 µL
Target:	Hepatitis B Virus E Antigen (HBeAg)
Reactivity:	Hepatitis B Virus (HBV), Virus
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	HBeAg full length protein
Clone:	2E9
Isotype:	IgG
Cross-Reactivity:	Virus
Cross-Reactivity (Details):	Hepatitis B Virus
Purification:	Purified by Protein G.

Target Details

Target:	Hepatitis B Virus E Antigen (HBeAg)
Abstract:	HBeAg Products
Target Type:	Viral Protein

Target Details

Background:	<p>Synonyms: Hepatitis B, 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.</p> <p>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 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.</p>
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months