Datasheet for ABIN723000

anti-Hepatitis B Virus Core Antigen (HBcAg) antibody (HRP)

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Overview

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

Product Details

Immunogen:	Recombinant Hepatitis B Core Antigen (rHBcAg)
Clone:	1H8
Isotype:	IgG
Cross-Reactivity:	Virus
Cross-Reactivity (Details):	Hepatitis B Virus
Purification:	Purified by Protein G.

Target Details

Target:	Hepatitis B Virus Core Antigen (HBcAg)
Alternative Name:	HBcAg (HBcAg Products)
Target Type:	Viral Protein

Target Details

Background:	Synonyms: C, Capsid protein, Core and e antigen, Core antigen, Core antigen, Core protein, HBc, HBcAg, HBVgp4, Hepatitis B Virus core antigen, p21.5, precore/core protein, CAPSD_HBVA3. Background: Hepatitis B Virus Core Antigen (HBcAg) is part of the infectious virion containing an inner "core particle" enclosing the viral genome. The icosahedral core particle contains 180 or 240 copies of the core protein. HBcAg is one of the three major clinical antigens of hepatitis B virus but disappears early in the course of infection.The hepatitis B virus core antigen (HBcAg) is a highly immunogenic subviral particle and functions as both a T-cell-dependent and a T-cell-independent antigen. Therefore, HBcAg may be a promising candidate target for therapeutic vaccine control of chronic HBV infection.

Application Details

Application Notes:	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