

Datasheet for ABIN723068
anti-HBSAg antibody (Biotin)



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Overview

Quantity:	100 µL
Target:	HBSAg (HBsAg)
Reactivity:	Hepatitis B Virus (HBV), Virus, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HBSAg antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Human Hepatitis B Surface Antigen protein
Clone:	H2F4
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat, Virus
Cross-Reactivity (Details):	HBsAg
Purification:	Purified by Protein G.

Target Details

Target:	HBSAg (HBsAg)
Alternative Name:	HBsAg (HBsAg Products)
Target Type:	Viral Protein

Target Details

Background:	Synonyms: Hepatitis B Virus Surface Antigen, HBsAg, HBV major surface antigen, HBV surface antigen, Hepatitis B Virus major surface antigen, Major surface antigen, S, Background: Hepatitis B Virus Surface Antigen, Hepatitis B Virus (HBV) infection induces a disease state characterised by liver damage, inflammation and viral persistence. Infection also increases the risk of hepatocellular carcinoma. HBV belongs to the Hepadnaviridae family of viruses. Its genome consists of partially double stranded circular DNA. The DNA is enclosed in a nucleocapsid, or core antigen (HBcAg), which is surrounded by a spherical envelope (surface antigen or HBsAg). The core antigen shares its sequences with the e antigen (HBeAg) but no cross reactivity between the two proteins has been observed. The HBV genome also encodes a DNA polymerase that also acts as a reverse transcriptase.
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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.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months