



# Magic™ Anti-HBV Surface Antigen Monoclonal antibody, Clone N2303096 (DCABY-4450)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Hepatitis B surface antigen
<b>Target</b>	HBV Surface Antigen
<b>Immunogen</b>	HBsAg antibody was raised in mouse using purified Hepatitis B surface antigen as the immunogen.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	HBV
<b>Clone</b>	N2303096
<b>Purification</b>	HBsAg antibody was purified by Ion exchange chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA Pr*, Lateral Flow Pr* Suggested pair for Lateral Flow immunoassay (Capture - Detection): DCABY-4450 - <a href="#">DCABY-4451</a>
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	Supplied in PBS with 0.09% sodium azide as preservative
<b>Preservative</b>	0.09% Sodium Azide

**Storage**

Store at 4 °C for short term storage. For long term storage, aliquot and freeze at -20 °C Avoid repeated freeze/thaw cycles.

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## BACKGROUND

**Introduction**

Hepatitis B virus (HBV) infects the liver and causes an inflammation called hepatitis. Hepatitis B virus is a hepadnavirus and it has a circular genome composed of partially double-stranded DNA. The viruses replicate through an RNA intermediate form by reverse transcription, and in this respect they are similar to retroviruses.

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**Keywords**

HBsAg; Hepatitis B Surface Antigen; Hepatitis B surface Ag;

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