

Datasheet for ABIN723066

anti-HBSAg antibody

3 Images

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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 un-conjugated
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

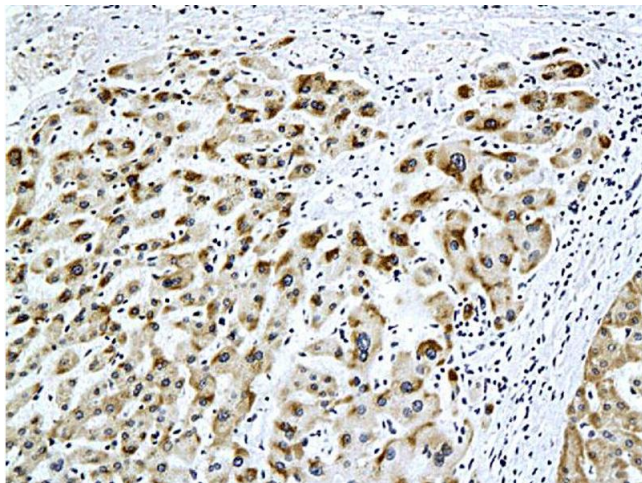
Background:	Synonyms: Hepatitis B Virus Surface Antigen, HBsAg, HBV major surface antigen, HBV surface antigen, Hepatitis B Virus major surface antigen, Major surface antigen, S, Background: Hepatitis B Virus Surface Antigen, Hepatitis B Virus (HBV) infection induces a disease state characterised by 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 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

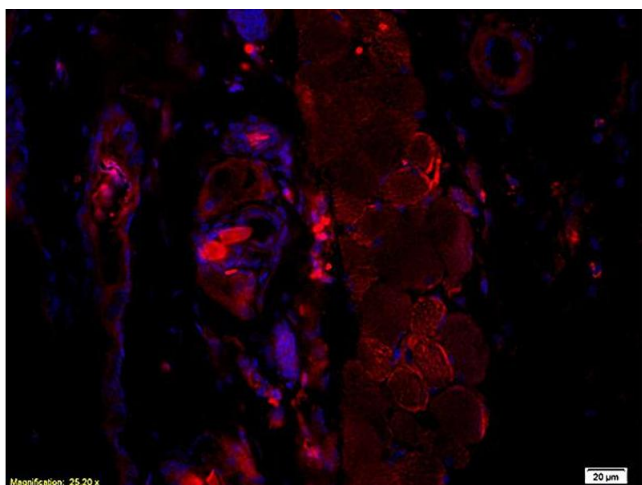
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300
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



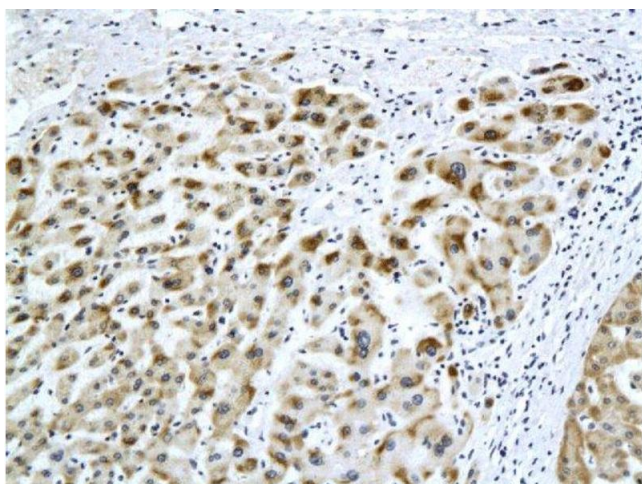
Immunohistochemistry

Image 1.



Immunofluorescence

Image 2.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat liver labeled with Anti-HBsAg(H2F4) Monoclonal Antibody, Unconjugated (bsm-2024M) at 1:200 followed by conjugation to the secondary antibody and DAB staining