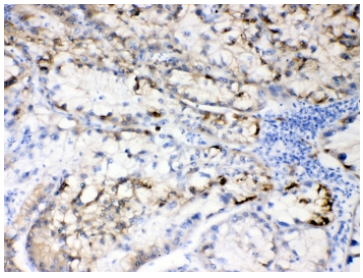
Hepatitis B Virus Antibody / HBV (Large S Protein) (R32633)

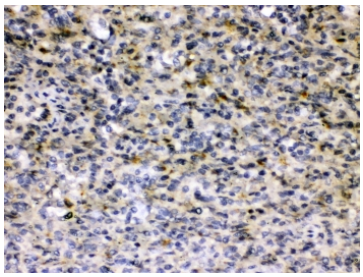
Catalog No.	Formulation	Size
R32633	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Hepatitis B Virus (Human)
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	D2X4M3
RRID	AB_3752870
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Hepatitis B Virus antibody is available for research use only.



Hepatitis B Virus Antibody Human Liver Cancer IHC. Immunohistochemistry testing of FFPE human liver cancer tissue with Hepatitis B Virus antibody at 0.5ug/ml. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Hepatitis B Virus Antibody Hepatitis B+ Tissue IHC. Immunohistochemistry testing of FFPE human Hepatitis B+ tissue with Hepatitis B Virus antibody at 0.5ug/ml. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Description

Hepatitis B Virus antibody detects Hepatitis B virus, abbreviated HBV, a species of the genus Orthohepadnavirus, which is likewise a part of the Hepadnaviridae family of viruses. This virus causes the disease hepatitis B. It consists of HBsAg, HBcAg (HBeAg is a splice variant), Hepatitis B virus DNA polymerase and HBx. Among these, HBsAg (also known as the Australia antigen) is the surface antigen of the hepatitis B virus (HBV). It indicates current hepatitis B infection. The viral envelope of an enveloped virus has different surface proteins from the rest of the virus which act as antigens. These antigens are recognized by antibody proteins that bind specifically to one of these surface proteins.

This Hepatitis B Virus antibody page is part of a broader antibody panel offered by NSJ Bioreagents.

Application Notes

Optimal dilution of the Hepatitis B Virus antibody should be determined by the researcher.

Immunogen

Amino acids 4-51 (WSSKPRQGMGTNLSVPNPLGFFPDHQLDPAFGANSNNPDWDFNPNKDQ) from the human HBV Large S protein were used as the immunogen for the Hepatitis B Virus antibody.

Storage

After reconstitution, the Hepatitis B Virus antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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