

Product datasheet for **BP2029B**

Hepatitis B Surface Antigen / HBsAg (ad/ay) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	Avidin and streptavidin amplification systems for ELISA.
Reactivity:	Hepatitis B Virus
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Hepatitis B surface antigen purified from human serum. Mixture of subtypes ad & ay
Specificity:	Monospecific, reacts only with Hepatitis B surface antigen including the pre-S1 epitope. This antibody is non-reactive with normal human serum.
Formulation:	10 mM PBS pH 7.2 with 0.09% sodium azide as preservative and no stabilizing proteins. Label: Biotin State: Liquid purified Ig fraction. Label: IgG fraction is covalently coupled with the N-Hydroxysuccinimide ester of under mild conditions to give a high degree of substitution
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Background:	Hepatitis B Virus (HBV) infection induces a disease state which manifests itself in a variety of ways, characterized by the extent of liver damage, inflammation and viral persistence. HBV infection is also associated with a 100 fold increased risk of hepatocellular carcinoma and currently infects over 250 million people worldwide. HBV has a partially double stranded 3.2 kilobase DNA genome which contains four open reading frames. One of these encodes a 154 amino acid protein called the HBx protein. HBx has been shown to be a transcriptional transactivator of both viral and cellular promoters. Lacking a DNA binding domain and nuclear localization signal, HBx is believed to exert transcriptional activity through protein protein interaction.
Synonyms:	HBV surface antigen, Hepatitis B Virus



[View online »](#)