

Product datasheet for **BP2029P**

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

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	Suitable for use in ELISA. Also suitable for conjugation purposes.
Reactivity:	Hepatitis B Virus
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Hepatitis B surface antigen purified from human serum. Mixture of subtypes ad & ay.
Specificity:	Reacts only with Hepatitis B surface antigen. This antibody is non-reactive with normal human serum.
Formulation:	0.01M PBS, pH 7.2, with 0.09% sodium azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein A affinity chromatography (>95% pure).
Conjugation:	Unconjugated
Storage:	Store 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



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