

Polyclonal Antibody to Hepatitis B Surface Antigen / HBsAg (ad/ay) - FITC

Alternate names:	HBV surface antigen, Hepatitis B Virus
Catalog No.:	BP1028F
Quantity:	1 ml
Concentration:	4-5 mg/ml (OD280 nm, E0.1% = 1.4)
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.
Host:	Goat
Immunogen:	Mixture of subtypes ad & ay. Hepatitis B surface antigen purified from human serum.
Format:	State: Liquid purified Ig fraction. Buffer System: 0.01 M PBS, pH 7.2, containing 10 mg/ml BSA as stabilizer and 0.09 % Sodium azide as preservative. Label: FITC – Highly purified Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
Applications:	Suitable for use in ELISA and IEP. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Purified surface antigen. Monospecific, reacts only with Hepatitis B virus.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com