

Product datasheet for **BM3027**

Hepatitis B Surface Antigen / HBsAg (ad) Mouse Monoclonal Antibody [Clone ID: 9701]

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | 9701 |
| Applications: | ELISA |
| Recommended Dilution: | Specific applications have not been tested with this product. |
| Reactivity: | Hepatitis B Virus |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Hepatitis B Surface Antigen |
| Specificity: | This antibody reacts with Hepatitis B Surface Antigen (ad). |
| Formulation: | PBS, pH 7.4 +/- 0.1 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction. |
| Concentration: | lot specific |
| Purification: | Prosep A Chromatography. |
| Conjugation: | Unconjugated |
| 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. |



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Synonyms: HBV surface antigen, Hepatitis B Virus