

CATALOGUE #: 3HB12

PRODUCT NAME: Monoclonal mouse anti-hepatitis B virus surface antigen (HBsAg)

MAbs:	HB11, Hs33, Hs41 Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.
Immunogen:	Recombinant HBsAg of ayw subtype
Specificity:	HBsAg MAbs are reacting with the following HBsAg subtypes: ayw1, ayw2, ayw3, ayw4, ayr, adw2, adw4, adr ^q +, adr ^q -, ayw3 (Fer).
MAb isotypes:	IgG1 for HB11 IgG2a for Hs33, Hs41
Applications:	Detection of HBsAg in two-site enzyme immunoassay. Recommended pair for sandwich immunoassay: Hs33 - Hs41
Purification:	Protein A chromatography for HB11, Hs41 Protein G chromatography for Hs33
Presentation:	50 mM sodium citrate, 150 mM NaCl, pH 6.0, 0.09 % sodium azide (NaN ₃) for Hs41 PBS, pH 7.4, 0.09 % sodium azide (NaN ₃) for HB11, Hs33
Storage:	+4 °C (+2 ... +8 °C allowed)
Material safety note:	This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material. Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.