



DataSheet

CATALOGUE #: 3HB12

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

MAbs: HB11, Hs33, Hs41

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with 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 G chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

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.

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