

PRODUCT DATA SHEET

Hepatitis B Protein X (HBx) Virus Human, Rabbit Polyclonal Antibody

Cat. No.: RD981038100

Size: 0.05 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Rabbit

Other Names:

HBx

Preparation:

The antibody was raised in rabbits by immunization with the recombinant HBx.

Amino Acid Sequence of Immunogen:

The immunization antigen (17 kDa) is a protein containing 153 AA of recombinant HBx and one extra AA, N-terminal methionin (highlighted).

MAARVCCQLD PARDVLCLRP VGAESRGRPV SGPFGLTPSP SSSAVPADHG
AHLRLRGLPV CAFSSAGPCA LRFTSARRME TTVNAHQVLP KVLHKRTLGL SAMSTTDLEA
YFKDCLFKDW EELGEEIRLK VFVLGGCRHK LVCSPAPCNF FTSA

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Hepatitis B Protein X.

Species Reactivity:

Human

Antibody Content:

0.05 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. ****AZIDE FREE****.

Reconstitution:

Add 0.05 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C . Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C .

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

Immunoprecipitation, Western blotting

Note:

This product is for research use only.