Mouse HEPATITIS B X ANTIGEN Monoclonal Antibody | anti-X antibody

MOUSE ANTI HEPATITIS B X ANTIGEN

CATALOG #	HOST	APPLICATIONS
AAA49255	**Mouse**	**Western Blot, Immunohistochemistry, ELISA, Immunohistochemistry**

PRODUCT SYNONYMS

HEPATITIS B X ANTIGEN; Monoclonal Antibody; MOUSE ANTI HEPATITIS B X ANTIGEN; anti-X antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3F6-G10
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	154
Applicable Applications for anti-X antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA, IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide 0.1% Bovine Serum Albumin Preparation
Histology Positive Control Tissue	Liver Carcinoma/Hepatitis B infected liver.
Target Species	Viral
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-X antibody	Mouse anti Hepatitis B-X antibody, clone 3F6-G10 recognizes the HB-X antigen of hepatitis virus. The Hepatitis B X antigen is a 154 amino acid ~17 kDa multifunctional protein involved in the development of liver chirrosis and hepatocellular carcinoma (UniProt: P03165). Clone 3F6-G10 was produced by immunization of mice with a "HB-X-Protein A" fusion construct and subsequent screening of hybridoma products against a "HB-X-GST" fusion construct (Marczinovits et al. 1997). Mouse anti Hepatitis B-X antibody, clone 3F6-G10 has been used succesfully for the detection of the hepatitis B X antigen by immunohistochemistry in formalin fixed, paraffin embedded material, also by western blotting against the immunizing and screening fusion proteins (Pál et al. 2001). Subsequently clone 3F6-G10 has been used as a capture reagent in a sensitive sandwich ELISA and bead based flow assay for the quantitative assessment of HbX antigen in human sera (Pál et al. 2005). Fine epitope mapping by phage library screening indicates that the epitope recognized by Mouse anti Hepatitis B-X antibody, clone 3F6-G10 lies between amino acids 88 and 93 of the X antigen, a result subsequently confirmed by peptide ELISA (Pál et al. 2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	139896
UniProt Accession #	P03165
Molecular Weight	16,618 Da
NCBI Official Full Name	Protein X
UniProt Protein Name	Protein X
UniProt Gene Name	**X**
UniProt Entry Name	X_HBVD3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/hepatitis-b-x-antigen-antibody-clone-3f6-g10-western-blot-immunohistochemistry-immunohistochemistry-elisa/49255