DATASHEET

FITC-conjugated Hepatitis B Virus Core Antigen Mouse Monoclonal Antibody(C2462)

CAT. NO. AMA02074

KEY FEATURES

Target	Hepatitis B Virus Core Antigen	Source / Host	Mouse
Reactivity	Hepatitis B virus	Clonality	Monoclonal
Applications	ELISA	Conjugation	FITC
Form / Buffer	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.	Storage	at-20°C

BACKGROUND

Hepatitis B virus core antigen (HBcAg) is the major structural protein of the viral nucleocapsid, encoded by the C gene of HBV. HBcAg is a key marker of active viral replication and is detected in hepatocytes during infection. Anti-HBcAg antibodies are used in serological diagnosis (anti-HBc IgM/IgG) and IHC analysis of liver biopsies.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

ELISA	Use at an assay dependent dilution.

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to Hepatitis B Virus Core Antigen-FITC labled
Specificity	Reacts only with Hepatitis B Virus Core Antigen.
Antibody Type	Primary antibody
Immunogen	Recombinant Hepatitis B Virus Core Antigen
Purification	Immunogen affinity purified
Form/Buffer	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.
Alternative Names	Capsid protein; Core and e antigen; Core antigen; Core antigen; Core protein; HBc; HBcAg; HBVgp4; Hepatitis B Virus core antigen; p21.5; precore/core protein

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.