

DATASHEET

HBcAg Mouse Monoclonal Antibody (ARM620)

CAT. NO. ARM6911

KEY FEATURES

Target	HBcAg	Clone ID	ARM620
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:25-1:100
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

The hepatitis B core antigen (HBcAg) is an important target for antiviral response in chronic hepatitis B (CHB) patients. The studies have shown that HbcAg expressed in different subcellular location based on IHC staining patterns including cytoplasmic expression, nuclear expression, cytoplasmic and nuclear-mixed expression or negative expression. The different distributions in the hepatocyte nucleus and cytoplasm of CHB indicate the level of viral replication and histological activity.

APPLICATION

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

Application	IHC
Dilution Ratio	1:25-1:100

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

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Liver infected with Hepatitis B virus
Localization	Cytoplasmic, Nuclear
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	N/A (Virus)
Entrez Gene ID	944568
Uniprot	P03146
Alternative Names	Hepatitis B Virus Core Antigen

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

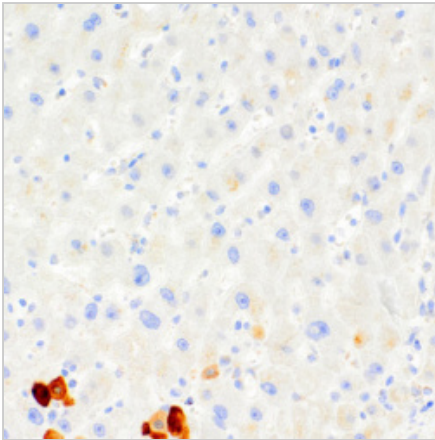
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

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

DATA

Immunohistochemical staining of human liver tissue infected with Hepatitis B virus using HBcAg Mouse Monoclonal Antibody (ARM620).

RESEARCH USE ONLY

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

More information: www.arexbio.com/hbcag-mouse-monoclonal-antibody-arm620-arm6911