



Mouse anti-HBV pres1 monoclonal antibody, clone 4D11 (DMAB7722)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Isotype	IgG1
Source/Host	Mouse
Species Reactivity	HBV
Clone	4D11
Purification	> 90% pure (SDS-PAGE)
Conjugate	Unconjugated
Applications	We recommend the following antibody pair which shows the min sensitivity of 0.05 ng/ml, detection range of 0.1 ng/ml-25 ng/ml. (Capture - Detection): DMAB3518 - DMAB7722
Molecular Weight	150 kDa
Format	Liquid
Size	1 mg
Buffer	20 mM PBS (PH 7.4)
Preservative	None
Storage	Store at 2-8°C and at -20°C for long-term storage. Don't repeated freeze-thaw.

BACKGROUND

Introduction

Hepatitis B virus (HBV) is a human pathogen, causing serious liver disease. The HBV surface protein antigens (HBsAg) are comprised of three carboxyl co terminal HBs proteins termed large (LHBs), middle (MHBs) and small (SHBs, also called major) protein. LHBs and MHBs also share the highly hydrophobic, repetitive, membrane spanning S domain. In addition, LHBs has a 119 amino acid region called preS1.

Keywords

Hepatitis B virus PreS1; HBV pre-S1 antigen; HBV; Hepatitis B Virus; HBV PreS1