



## Mouse anti-HBV pres1 monoclonal antibody, clone S1-7H11 (DMAB3518)

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

### PRODUCT INFORMATION

<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	HBV
<b>Clone</b>	S1-7H11
<b>Purification</b>	> 90% pure (SDS-PAGE)
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	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
<b>Molecular Weight</b>	150 kDa
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	20 mM PBS (PH 7.4)
<b>Preservative</b>	None
<b>Storage</b>	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