



## Mouse anti-HBV PreS1 B subtype monoclonal antibody, clone 16D12 (CABT-B9115)

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

### PRODUCT INFORMATION

<b>Specificity</b>	React with HBV B subtype preS1 p21 protein. No cross reaction with HBV C subtype preS1.
<b>Immunogen</b>	Recombinant HBV virus like particles.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	HBV
<b>Clone</b>	16D12
<b>Purification</b>	> 90% pure (SDS-PAGE)
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, CLIA, LFIA
<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