

## Anti-HBV PreS2 Antibody [Clone S201]

**Catalog Number** LDG0051YA

**Package** 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

Hepatitis B virus (HBV) is a hepadnavirus which has a circular genome composed of partially double-stranded DNA. The HBV surface protein antigens (HBsAg) are comprised of large (LHBs), middle (MHBs) and small (SHBs, also called major) protein. LHBs contains preS1, prS2, and small protein. MHBs does not include preS1 protein and SHBs does not include preS1 and preS2 proteins. HbsAg and its antibodies have been developed as biomarkers to monitor infection stage. Expression of preS1 and preS2 in tissue or serum are also important to reveal the mechanism of HBV infection.

#### Product Note

Recommended dilution factor:

ELISA: 1:5000-20000

WB: 1:1000-5000

IFA: 1:500-1000

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

### Specifications

#### Host

Mouse

#### Clonality

Monoclonal

#### Isotype

IgG1

#### Clone Name

clone S201

**Immunogen**

Hepatitis B virus preS2 protein

**Application**

ELISA, WB, IFA

**Concentration**

1 mg/mL

**Specificity**

preS2 protein

**Reactivity**

Hepatitis B virus

**Conjugation**

Unconjugated

**Buffer**

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

**Form**

Liquid

**Instruction****Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

**Stability & Storage**

This product is stable after storage at:

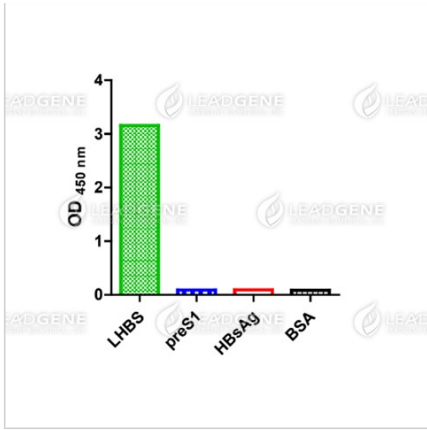
- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials.

Keep only vials for usage at 2-8°C.

**Image**



Direct ELISA of HBV preS2  
antibody, clone S201

**Disclaimer :** For Research Use or Further Manufacturing Only.