

Anti-HBsAg Antibody (1C10E2)

Mouse Monoclonal Antibody

Catalog # ABV12103

Product Information

Application	E
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1, κ
Clone Names	1C10E2

Additional Information

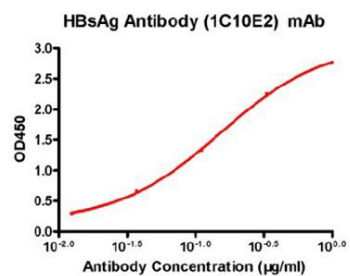
Positive Control	ELISA
Other Names	Hepatitis B surface antigen
Target/Specificity	Hepatitis B Surface Antigen
Antibody Form	Liquid
Appearance	Colorless liquid
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-HBsAg Antibody (1C10E2) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

Hepatitis B virus (HBV) is an enveloped, double-stranded DNA virus. Infection with HBV induces a spectrum of clinical manifestations ranging from mild, inapparent disease to fulminant hepatitis, severe chronic liver diseases. Hepatitis B surface antigen or HBsAg is the most important protein of the envelope of Hepatitis B Virus. The surface antigen contains the determinant "a", common to all known viral subtypes and immunologically distinguished in two distinct subgroups (ay and ad). The serological detection of HBsAg is a powerful method for the diagnosis and prevention of HBV infection and ELISA has become an extensively used analytical system for screening of blood donors and clinical diagnosis of HBV in infected individuals. HBsAg Antibody is produced from the hybridoma resulting from fusion of SP2/0-Ag14 myeloma and B-lymphocytes obtained from mouse immunized with purified human Hepatitis B Surface Antigen.

Images

HBsAg monoclonal antibody (1C10E2) by Indirect ELISA



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.