

Product datasheet for **SM3110P**

Hepatitis B Surface Antigen / HBsAg Mouse Monoclonal Antibody [Clone ID: HB5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HB5
Applications:	ELISA, IF
Recommended Dilution:	ELISA. Immunfluorescence.
Reactivity:	Hepatitis B Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified HbsAg from human plasma
Specificity:	The antibody recognizes following Hepatitis B virus (HBV) subtypes: ayw2, ayw3, ayw4, ayr, adw2, adw4, adrq+, adrq-. Specificity was verified by ELISA on panel of virus subtypes identified on International Workshop on HBsAg Subtypes (Paris, April 1975). The antibody does not cross-block with the antibody HB3.
Formulation:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4 State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Precipitation methods and ion exchange chromatography; purity: > 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Hepatitis B surface antigen (HBsAg) is a marker of infectivity.
Synonyms:	HBV surface antigen, Hepatitis B Virus



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