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Datasheet for ABIN94322
anti-HBSAg antibody

Overview

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| Quantity: | 0.1 mg |
| Target: | HBSAg (HBsAg) |
| Reactivity: | Hepatitis B Virus (HBV) |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This HBSAg antibody is un-conjugated |
| Application: | ELISA, Immunocytochemistry (ICC) |

Product Details

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| Immunogen: | Purified HBsAg from human plasma. |
| Clone: | HB3 |
| Isotype: | IgG1 |
| Specificity: | The antibody HB3 recognizes following Hepatitis B virus (HBV) subtypes: ayw2, ayw3, ayw4, ayr, adw2, adw4, adrq+, adrq-. Hepatitis B surface antigen (HBsAg) is a marker of infectivity. Specificity of the antibody HB3 was verified by ELISA on panel of virus subtypes identified on International Workshop on HBsAg Subtypes (Paris, April 1975). The antibody HB3 does not cross-block with the antibody HB5. |
| Cross-Reactivity (Details): | HBV |
| Purification: | Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods). |
| Purity: | > 95 % (by SDS-PAGE) |

Target Details

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| Target: | HBsAg (HBsAg) |
| Alternative Name: | HBV antigen HBsAg (HBsAg Products) |
| Target Type: | Viral Protein |
| Background: | HBsAg (hepatitis B surface antigen) is a marker of infectivity. Its presence indicates either acute or chronic HBV infection.,Hepatitis B virus surface antigen, HBV sAg |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

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| Concentration: | 1 mg/mL |
| Buffer: | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Do not freeze. |
| Storage: | 4 °C |
| Storage Comment: | Store at 2-8°C. Do not freeze. |