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Datasheet for ABIN2814155

anti-Hepatitis B Virus E Antigen (HBeAg) antibody (Alexa Fluor 594)

Overview

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| Quantity: | 100 µL |
| Target: | Hepatitis B Virus E Antigen (HBeAg) |
| Reactivity: | Hepatitis B Virus (HBV), Virus |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | Alexa Fluor 594 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | HBeAg full length protein |
| Clone: | 2E9 |
| Isotype: | IgG |
| Cross-Reactivity: | Virus |
| Cross-Reactivity (Details): | Hepatitis B Virus |
| Purification: | Purified by Protein G. |

Target Details

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| Target: | Hepatitis B Virus E Antigen (HBeAg) |
| Alternative Name: | HBeAg (HBeAg Products) |
| Target Type: | Viral Protein |

Target Details

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| Background: | <p>Synonyms: Hepatitis B, Core antigen, Core protein, HBe antigen, HBeAg, HBVgp4, Pre C,C, Precore protein, Precore/core, Precore/core ORF, Precore/core protei, HBEAG_HBVD3, External core antigen, HBeAg, p25.</p> <p>Background: Hepatitis B e-antigen (HBeAg) is a viral protein associated with HBV infections. Unlike the surface antigen, the e-antigen is found in the blood only when there are viruses also present. When the virus goes into hiding,? the e-antigen will no longer be present in the blood. HBeAg is often used as a marker of ability to spread the virus to other people (infectivity). Measurement of e-antigen may also be used to monitor the effectiveness of HBV treatment, successful treatment will usually eliminate HBeAg from the blood and lead to development of against e-antigen (anti-HBe). There are some types (strains) of HBV that do not make e-antigen, these are especially common in the Middle East and Asia. In areas where these strains of HBV are common, testing for HBeAg is not very useful.</p> |
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Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |