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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Large envelope protein [PC283] Standard Size Ab04418-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: PC283

Alternative Name(s) of Target: S; LHB; L-HBsAg; Large S protein; L glycoprotein; Large surface protein; Major surface antigen; L-HBsAg

UniProt Accession Number of Target Protein: P03142; Q91C35

Published Application(s): crystallography, ELISA

Published Species Reactivity: Hepatitis B Virus

Immunogen: The original antibody was raised by immunizing a BALB/c mouse with the PS1 CT3TT peptide.

Specificity: This antibody is specific for the PS1 peptide (HQLDPAFGANSTNPD) of large envelope protein of the Hepatitis B virus.

Application Notes: This antibody was used for an ELISA on peptides from the hepatitis B surface proteins (Agarwal et al., 1996; PMID:8816380). The structure of the original version of this antibody was determined using X-ray crystallography (Nair et al., 2002; PMID:11859128, Nayak et al., 1998; PMID:9759871).

Antibody First Published in: Agarwal et al. B cell responses to a peptide epitope. I. The cellular basis for restricted recognition J Immunol. 1996 Oct 1;157(7):2779-88. [PMID:8816380](#)

Note on publication: The original paper examined the primary humoral responses in BALB/c mice to a variety of peptide constructs containing a common 15-amino acid residue antigenic determinant (PS1) in conjunction with one or more Th cell epitopes.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.