



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# Anti-Large envelope protein [PC287] Standard Size Ab04416-1.1

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** PC287

**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 large envelope protein of the Hepatitis B virus.

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