



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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-HBsAg [5C3] Standard Size Ab00769-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** 5C3

**Alternative Name(s) of Target:** HBV surface antigen; Major surface protein

**UniProt Accession Number of Target Protein:** Q773S4

**Published Application(s):** RIA

**Published Species Reactivity:** Hepatitis B Virus

**Immunogen:** This antibody was prepared by immunizing BALB/c mice with a highly purified preparation of HBsAg.

**Specificity:** This antibody is specific for hepatitis B virus surface antigen, a common antigen on the surface of HBV-infected hepatocytes and the outer coat of the intact virus. It recognizes all known subtypes of HBsAg, and has a very high affinity constant for its HBsAg determinant. This antibody does not cross-react with 2C6 and 5D3, two other anti-HBsAg Mabs, as each recognizes a distinct and separate determinant on HBsAg.

**Application Notes:** This antibody, when radio-labelled with iodine-125, has been used to develop highly sensitive solid-phase radioimmunoassays for the detection of HBsAg at subnanogram levels in human serum (Shafritz, 1982). Consequently, this antibody may be a useful reagent in the immunodiagnosis of hepatitis B infection.

**Antibody First Published in:** Wands et al. High affinity monoclonal antibodies to hepatitis B surface antigen (HBsAg) produced by somatic cell hybrids *Gastroenterology*. 1981 Feb;80(2):225-32. [PMID:6161061](#)

**Note on publication:** Describes the original generation of this antibody, along with a panel of other anti-HBsAg Mabs.

## Product Form

**Size:** 200 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.