



# 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-Alpha-Fetoprotein [9H3] Ab03495-1.1-BT

This full-length reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format for improved compatibility with existing reagents assays and techniques.

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

**Clone Number:** 9H3

**Alternative Name(s) of Target:** AFP; Alpha-fetoglobulin; A-Feto-protein

**UniProt Accession Number of Target Protein:** P02771

**Published Application(s):** functional assay, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with human alpha-fetoprotein. The variable region genes of the antibody were used to generate the scFv version of this antibody.

**Specificity:** This antibody binds human alpha-fetoprotein (AFP). AFP is made in the liver of developing babies. It binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. AFP levels in healthy adults is very low. Elevated levels of AFP in adult human blood is a marker for cancer.

**Application Notes:** The binding characterization of this antibody to human alpha-fetoprotein was done using ELISA. The inhibitory effect of single-chain antibody against alpha-fetoprotein-positive liver cancer cells was studied and it was found that the scFv antibody has a significant growth inhibitory effect on AFP-positive HepG2 and Bel7402. The scFv antibody was also found to significantly increase the sensitivity of AFP-positive HepG2 cells to all-trans retinoic acid (CN103319595).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.