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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

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Anti-Alpha-Fetoprotein [AB3] Ab03494-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: AB3

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

UniProt Accession Number of Target Protein: P02771

Published Application(s): ELISA, IF, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing BALB/c mice with human alpha-fetoprotein.

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: This antibody can be used in combination with another anti-alpha fetoprotein antibody AB2 for detection of human AFP using sandwich ELISA. AB3 is used as the capture antibody and HRP labelled AB2 is used as detection antibody. This antibody was also used for the immunofluorescent staining of HepG2 hepatoma cells and immunohistochemical analysis of human liver cancer tissue (CN107022029).

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.