

Rabbit anti-Alpha Fetoprotein

Cat. No. and Size:

501-4540: 0.1 ml rabbit monoclonal antibody purified by protein A/G in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.
501-4542: 0.5 ml rabbit monoclonal antibody purified by protein A/G in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.
501-4544: 1 ml rabbit monoclonal antibody purified by protein A/G in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.
501-4541: 7.0 ml pre-diluted rabbit monoclonal antibody purified by protein A/G in TBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.

Intended Use: For research use only. Not for use in diagnostic procedures.
Clone: SP154
Immunogen: Purified human AFP
Isotype: Rabbit IgG
Epitope: Not determined
Molecular Weight: 70 kDa
Species Reactivity: Human (tested). Bovine, dog, pig (by sequence homology). Others not tested.

Description: AFP is normally synthesized in fetal liver, intestinal tract, and yolk sac. High level of serum AFP has been identified in patients with hepatocellular carcinomas (HCC), teratoblastoma, colorectal cancer, pancreatic cancer, and germ cell neoplasms.

Applications Immunohistochemistry (IHC) on formalin-fixed, paraffin-embedded tissue sections and Western Blotting.

IHC Procedure **Antibody Dilution:** If using the concentrate format of this product, dilute the antibody 1:50. The dilutions are estimates; actual results may differ because of variability in methods and protocols.

Antigen Retrieval: Boil tissue sections in 10 mM Citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

Primary Antibody Incubation: 10 minutes at RT.

IHC Positive Control: Hepatocellular carcinoma

Western Blotting Recommended starting protocol: Dilute the antibody 1:100. Incubate for 1 hour at room temperature.

The dilution is an estimate; actual results may differ because of variability in methods and protocols. Optimal dilution and procedure should be determined by the end user.

Western Blotting: HepG2 cell lysate

Positive Control
Cellular localization: Cytoplasm

Storage and Stability

Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. Every antibody is expiration dated. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.






- For Research Use Only -

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Explanation of the symbols on the product label:

REF	Bestellnummer Catalog Number Reference du catalogue		Verwendbar bis Use By Utiliser jusque		Gebrauchsanweisung beachten Consult Instructions for use Consulter les instructions d'utilisation
LOT	Chargenbezeichnung Batch Code Code du lot		Lagerungstemperatur Temperature Limitation Limites de température	RUO	Nur für Forschungszwecke For Research Use Only Pour la recherche uniquement
IVD	In vitro Diagnostikum In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro		Achtung Warning Attention		Hersteller / Manufacturer / Fabricant Zytomed Systems GmbH • Anhaltinerstraße 16 14163 Berlin, Germany • Tel: (+49) 30-804 984 990 www.zytomed-systems.de