



Polyclonal Antibody to Alpha-Fetoprotein (AFP)

Technical Data Sheet

Reagent Category

Polyclonal primary antibody to AFP

Antibody Formats Supplied

7 ml of anti AFP, Ready-To-Use

PRODUCT# IMI10961E (Ready-To-Use)

SOURCE: Rabbit

IMMUNOGEN: Purified human alpha-Fetoprotein

REACTIVITY

Alpha-Fetoprotein is a 64 kD molecular weight oncofetal protein produced by fetal liver hepatoma, by yolk sac tumors and by some germ cell tumors of testicular and ovarian origin. Alpha-Fetoprotein is widely studied in connection with germ cell tumors. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections and it is compatible with formalin fixed tissues.

POSITIVE CONTROL TISSUE: Fetal liver

Antibody FORMAT, DILUTION and INCUBATION

7 ml of pre-diluted, Ready-to-Use; Do not dilute. Incubate for 10 minutes.

The use of Innovex Enhancing Wash Buffers (Innovex product # 301 & 302) in place of PBS or Tris buffer for the rinsing in between the incubation steps allows 5 minute incubation for the Primary antibody.

0.5 ml Concentrate, Starting dilution for 10-30 minutes incubation: 1:50. For longer incubation time the titer should be determined by the end user. All concentrated antibodies must be titered by the user for the secondary reagents and tissues employed.

The above dilutions and incubation times were derived by the use of Innovex STAT-Q and HISTO-STAT staining systems. For less sensitive staining systems these dilution factors may vary and they should be determined by the end user for specific detection system employed.

SPECIAL USAGE GUIDANCE

No pre-treatment is necessary, however, the use of Innovex signal Enhancing Wash Buffer in place of PBS or Tris buffer for the rinsing steps (Item#: IMI00396E for Immuno-Peroxidase staining and Item#: IMI00596E for Immuno-Alkaline-phosphatase) is highly recommended.

The use of enhancing wash buffer greatly enhances staining signals even on antigenically weak tissues or for overfixed tissues. Its use further eliminates the need for repetitive procedures.

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APPLICATIONS

This antibody is intended for use in immunolocalization of AFP antigen in human or animal tissue by a variety of immunoassays such as Immunochemistry, fluorescent labeling, ELISA, Immunoblotting and dot blotting. In immunochemistry, this antibody can be used in staining routinely fixed paraffin embedded or frozen histological sections for the purpose of qualitative localization of AFP antigens. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

STORAGE CONDITIONS

Store in refrigerator at 2-8°C through expiration date noted on the vial.

IMPORTANT NOTE:

The interpretation of test results is the sole responsibility of the end user.

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