



Category: Polyclonal Antibodies

Cat. #: 1107NF-A02

Product Name: Polyclonal Rabbit Anti-Human Alpha-1- Fetoprotein (AFP)

Description: Polyclonal Rabbit Anti-Human Alpha-1-Fetoprotein (AFP)

Presentation:

This antiserum is prepared by hyper immunizing rabbit with highly purified human alpha-1-fetoprotein (AFP); the antiserum is dilapidated and made specific by solid-phase absorption. The resulting antiserum is adjusted to standard titer with 0.02M Sodium Phosphate, 0.1M Sodium Chloride, pH 7.3 and 0.05% Sodium Azide.

Immunogen:

Alpha-1-fetoprotein isolated from human cord serum.

Application:

Immunohistochemistry 1:100-1:200. Immunoblotting 1:200-1:500. ELISA 1:500-1:1000.

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Early Fetal Liver

Aliquoting Instructions:

Do not dilute the entire solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. GENERAL INFO: When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Primary Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:

This antibody can be used on formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:100-1:200 with AutoProbe III. It is recommended that this product be used on frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory.

Specificity:

This antibody is specific for 70 kD human AFP. It does not react with other serum proteins.

Storage:

Refrigerate at 4°C. Do not freeze.

Size: 0.5 ml

Host: Rabbit

Form: Concentrated

Concentration: 1.5 mg/ml

Units On Hand: YES

References:

1. MacDonald DJ, Kelly AM. The rapid quantitation of serum alpha-fetoprotein by two-site micro enzyme immunoassay. Clin Chim Acta 87: 367-72, 1978.

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