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TECHNICAL INFORMATION

ImmunO™

Catalog Number: 688031

Rabbit Anti-Alpha Fetoprotein (AFP) Polyclonal

Form: Liquid. The antibody is the purified immunoglobulin fraction of rabbit antiserum. It is supplied in 0.1 M sodium chloride

Immunogen: Human alpha-1-fetoprotein isolated from cord serum.

Specifications: This antibody reacts with alpha-1-fetoprotein. Traces of contaminating antibodies have been removed by solid-phase absorption with human plasma proteins.

By immunocytochemistry, this product cross-reacts with alpha-1-fetoprotein from sheep and swine.

Working Dilution: Rocket Immuno-electrophoresis: Antibody: 0.75 uL/square cm gel area; Standard and Sample volume: 5 uL.

RIA: 1:25,000.

ELISA (double antibody sandwich): 1:100.

Immunohistochemistry: 1:50-1:150 (PAP Procedure).

It is recommended that the individual lab obtain their own optimal working dilution for their particular assay.

Reference:

- Macdonald, D.J. Kelly, A.M. The rapid quantitation of serum alpha-fetoprotein by two-site microenzyme immunoassay. **Clin. Chim. Acta.** **87**, 367-72, 1978.
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- Gitlin, D. and Perricelli, A., **Nature** **228**, 995-997, 1970.
- Hogan, T., Testicular germ cell tumors. In **Concept in Cancer Medicine**, Eds. S. Bersham, M.D., et al., Grune & Stratton, New York.
- Kurman, R.J. and Scardino, P.T., Alpha-fetoprotein and human chorionic gonadotropin in ovarian and testicular germ cell tumors. In **Diagnostic Immunohistochemistry**, Ed. R. DeLellis, Masson Publishing USA, Inc., New York, p 277, 1981.
- Talerman, A., **Cancer**, **36**, 211-215, 1975.
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- Kurman, R.J., et al., **Cancer**, **38**, 2420-2433, 1976.
- Kurman, R.J., et al., **Cancer**, **40**, 2136-2151, 1977.
- Rimbaut, C., et al., **Scan. J. Immunol.** **8 (Suppl 8)**, 201-206, 1978.
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- Nadji, M. et al. Immunoperoxidase techniques: a practical approach to tumor diagnosis. **Amer. Soc. Clin. Pathol.**: **24**, 1986.
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Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)