

E2F-3 Transcription Factor Ab-4 (Clone 3E2F04; same as PG37)

Mouse Monoclonal Antibody

Cat. #MS-1063-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200µg/ml) (Purified Ab with BSA and Azide)**Cat. #MS-1063-P1ABX or -PABX (0.1ml or 0.2ml at 1.0mg/ml)** (Purified Ab without BSA and Azide)

Please note this data sheet has been changed effective December 9, 2011

Description: E2F transcription factors are functionally regulated by binding to Rb p110, p107, and p130. E2F-3 is regulated by complex formation with Rb p110. E2F family members bind DNA as heterodimers with members of the DP family of polypeptides

Mol. Wt. of Antigen: ~58kDa

Epitope: Not determined

Species Reactivity: Human. Others-not known.

Clone Designation: 3E2F04 (same as PG37)

Ig Isotype: IgG_{2a}

Immunogen: Recombinant human E2F-3 protein.

Applications:

- Gel Supershift (Use Ab at 1mg/ml)
- Immunofluorescence

The optimal dilution for a specific application should be determined by the investigator.

Positive Control: Raji cells

Cellular Localization: Nuclear and cytoplasmic

Supplied As:

200µg/ml antibody purified from the ascites fluid by Protein A chromatography. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide. Also available without BSA and azide at 1mg/ml.

Storage and Stability:

Ab with sodium azide is stable for 24 months when stored at 2-8°C. Antibody WITHOUT sodium azide is stable for 36 months when stored at below 0°C.

Suggested References:

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2. Asken, D. S., et al. (1991) Oncogene. 6:1915-1922.
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Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Lab Vision is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

For Research Use Only



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Additional Suggested References:

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- Jordan, K. L., A. R. Haas, L. T. J, and D. J. Hall. 1994. Detailed analysis of the basic domain of the E2F1 transcription factor indicates that it is unique among bHLH proteins. *Oncogene.* 9:117-1185.
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