

**Product Name: E2F1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe03768**



## Summary

|                        |                                 |
|------------------------|---------------------------------|
| <b>Production Name</b> | E2F1 Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody      |
| <b>Host</b>            | Rabbit                          |
| <b>Application</b>     | WB,IHC-F,IHC-P,ICC/IF,IP        |
| <b>Reactivity</b>      | Human,Mouse,Rat                 |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal                                                                                           |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purification                                                                                |

## Immunogen

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | E2F1<br>E2F1; RBBP3; Transcription factor E2F1; E2F-1; PBR3; Retinoblastoma-associated    |
| <b>Alternative Names</b> | protein 1; RBAP-1; Retinoblastoma-binding protein 3; RBBP-3; pRB-binding protein<br>E2F-1 |
| <b>Gene ID</b>           | 1869                                                                                      |
| <b>SwissProt ID</b>      | Q01094.                                                                                   |

## Application

|                         |                                                          |
|-------------------------|----------------------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20 |
| <b>Molecular Weight</b> | Calculated MW: 47 kDa; Observed MW: 70 kDa               |

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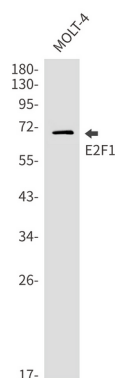
## Background

The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses.

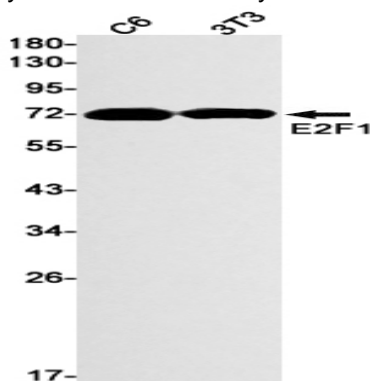
## Research Area

Epigenetics and Nuclear Signaling

## Image Data

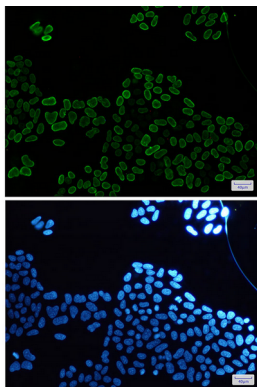


Western blot analysis of E2F1 in MOLT4 lysates using E2F1 antibody.

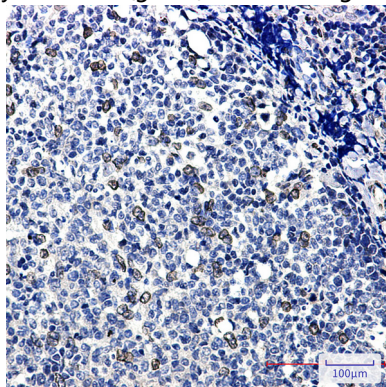


Western blot analysis of E2F1 in C6, 3T3 lysates using E2F1 antibody.

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Immunocytochemistry analysis of E2F1(green) in HeLa using E2F1 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using E2F1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.