

**Product Name: Acetyl-p53 (Lys382) (3E3) Mouse Monoclonal Antibody**  
**Catalog #: AMM00773**

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## Summary

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| <b>Production Name</b> | Acetyl-p53 (Lys382) (3E3) Mouse Monoclonal Antibody |
| <b>Description</b>     | Mouse Monoclonal Antibody                           |
| <b>Host</b>            | Mouse                                               |
| <b>Application</b>     | IHC-P                                               |
| <b>Reactivity</b>      | Human,Rat,Mouse                                     |

## Performance

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                   |
| <b>Modification</b> | Acetylated                                                                                     |
| <b>Isotype</b>      | IgG1                                                                                           |
| <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>       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| <b>Purification</b> | Affinity Purification                                                                          |

## Immunogen

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| <b>Gene Name</b>         | TP53                                                             |
| <b>Alternative Names</b> | Cellular tumor antigen p53; Cys 51 stop; Tp53; Tumor protein p53 |
| <b>Gene ID</b>           | 7157                                                             |
| <b>SwissProt ID</b>      | P04637.                                                          |

## Application

|                         |                 |
|-------------------------|-----------------|
| <b>Dilution Ratio</b>   | IHC: 1:50-1:100 |
| <b>Molecular Weight</b> | -               |

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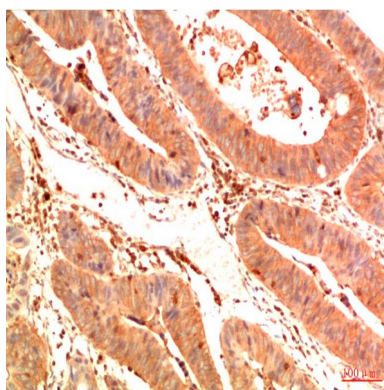
## Background

Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

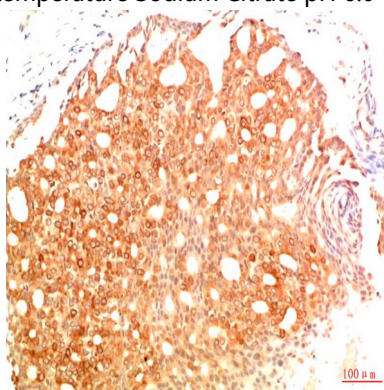
## Research Area

Cell Biology

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma Tissue using Acetyl-p53 (Lys382) (3E3) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Acetyl-p53 (Lys382) (3E3) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.