

**Product Name: p53 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe85898**



## Summary

|                        |                                |
|------------------------|--------------------------------|
| <b>Production Name</b> | p53 Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody     |
| <b>Host</b>            | Rabbit                         |
| <b>Application</b>     | WB,IP,ICC                      |
| <b>Reactivity</b>      | Mouse                          |

## 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>       | Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol. |
| <b>Purification</b> | Affinity Purification                                                                        |

## Immunogen

|                          |                                          |
|--------------------------|------------------------------------------|
| <b>Gene Name</b>         | p53                                      |
| <b>Alternative Names</b> | bbl; bfy; bhy; p44; p53; Tp53            |
| <b>Gene ID</b>           | 22059.0                                  |
| <b>SwissProt ID</b>      | P02340. Recombinant protein of mouse p53 |

## Application

|                         |                                               |
|-------------------------|-----------------------------------------------|
| <b>Dilution Ratio</b>   | WB:1:500-1:1000, IP:1:10-1:20, ICC:1:50-1:200 |
| <b>Molecular Weight</b> | Calculated MW: 43 kDa; Observed MW: 53 kDa    |

## Background

Acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological

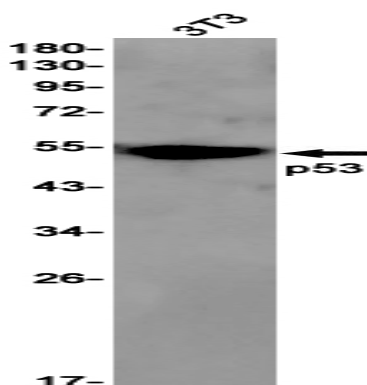
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circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. One of the activated genes is an inhibitor of cyclin-dependent kinases.

## Research Area

## Image Data



Western blot analysis of p53 in 3T3 lysates using p53 antibody.

## Note

For research use only.