

Datasheet for ABIN610211  
**anti-p53 antibody (FITC)**



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## 2 Publications

### Overview

|              |                                                                          |
|--------------|--------------------------------------------------------------------------|
| Quantity:    | 120 tests                                                                |
| Target:      | p53 (TP53)                                                               |
| Reactivity:  | Human, Mouse, Rat, Cow, Hamster, Chicken                                 |
| Host:        | Mouse                                                                    |
| Clonality:   | Monoclonal                                                               |
| Conjugate:   | This p53 antibody is conjugated to FITC                                  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS) |

### Product Details

|               |                                                                                                                                                   |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Murine p53 fragment expressed in E. coli.                                                                                                         |
| Clone:        | PAb240                                                                                                                                            |
| Isotype:      | IgG1 kappa                                                                                                                                        |
| Specificity:  | Denaturation resistant p53 epitope between amino acids 156-214. It is cross reactive with human, mouse, hamster, rat, bovine and chicken tissues. |
| Purification: | Protein A purified                                                                                                                                |

### Target Details

|                   |                                              |
|-------------------|----------------------------------------------|
| Target:           | p53 (TP53)                                   |
| Alternative Name: | TP53 / p53 ( <a href="#">TP53 Products</a> ) |
| Background:       | Name/Gene ID: TP53                           |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Family: P53                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|           | Synonyms: TP53, BCC7, Cellular tumor antigen p53, p53, TRP53, p53 tumor suppressor, Phosphoprotein p53, Antigen NY-CO-13, Tumor protein p53, Tumor suppressor p53, LFS1                                                                                                                                                                                                                                                                               |
| Gene ID:  | 7157                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt:  | <a href="#">P04637</a>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pathways: | <a href="#">p53 Signaling</a> , <a href="#">MAPK Signaling</a> , <a href="#">PI3K-Akt Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">AMPK Signaling</a> , <a href="#">Chromatin Binding</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Hepatitis C</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Autophagy</a> , <a href="#">Warburg Effect</a> |

## Application Details

|                    |                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: Flo, IHC, WB                                                                                                          |
|                    | Usage: The applications listed have been tested for the unconjugated form of this product.<br>Other forms have not been tested. |
| Comment:           | Target Species of Antibody: Mouse                                                                                               |
| Restrictions:      | For Research Use only                                                                                                           |

## Handling

|                    |                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                          |
| Concentration:     | Lot specific                                                                                                                    |
| Buffer:            | 50 mM sodium phosphate, pH 7.5, 100 mM potassium chloride, 150 mM sodium chloride, 5 % Glycerol, 0.2 % BSA, 0.04 % sodium azide |
| Preservative:      | Sodium azide                                                                                                                    |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.          |
| Handling Advice:   | Do not freeze. Product is photosensitive and should be protected from light.                                                    |
| Storage:           | 4 °C                                                                                                                            |
| Storage Comment:   | Store at 4°C. Do not freeze. Protect from light.                                                                                |

## Publications

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Product cited in:

Tomicic, Thust, Kaina: "Ganciclovir-induced apoptosis in HSV-1 thymidine kinase expressing cells: critical role of DNA breaks, Bcl-2 decline and caspase-9 activation." in: **Oncogene**, Vol. 21, Issue 14, pp. 2141-53, (2002) ([PubMed](#)).

Jiang, Clark: "Involvement of Bik, a proapoptotic member of the Bcl-2 family, in surface IgM-mediated B cell apoptosis." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 166, Issue 10, pp. 6025-33, (2001) ([PubMed](#)).