

## Rabbit anti-Human p53 Monoclonal Antibody | anti-p53 antibody

Recombinant p53 Monoclonal Antibody

|                               |                       |                            |                                                         |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA178871</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------|

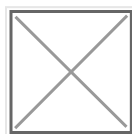
### PRODUCT SYNONYMS

p53; Monoclonal Antibody; Recombinant p53 Monoclonal Antibody; Antigen NY-CO-13; BCC7; Cellular tumor antigen p53; FLJ92943; LFS1; Mutant tumor protein 53; p53 tumor suppressor; P53; Phosphoprotein p53; Tp53; Transformation related protein 53; TRP53; Tumor protein 53; Tumor protein p53; Tumor suppressor p53; anti-p53 antibody

### PRODUCT SPECIFICATIONS

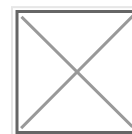
|                                               |                                                                                                      |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                               |
| Reactivity                                    | Human                                                                                                |
| Clonality                                     | Monoclonal                                                                                           |
| Isotype                                       | IgG                                                                                                  |
| Clone Number                                  | R07-6A7                                                                                              |
| Purity/Purification                           | Affinity Purified                                                                                    |
| Form/Format                                   | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Concentration                                 | 300ug/mL (varies by lot)                                                                             |
| Applicable Applications for anti-p53 antibody | IF (Immunofluorescence), WB (Western Blot)                                                           |
| Immunogen                                     | Recombinant protein of human p53                                                                     |
| Research Area                                 | Cancer, Cell Biology, Epigenetics and Nuclear Signaling                                              |
| Preparation and Storage                       | Storage: -20 degree C/One year. Avoid freeze/thaw cycles.                                            |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence of p53 (green) in MCF-7 using p53 antibody at dilution 1:20, and DAPI(blue)



#### WB (Western Blot)

Western blot detection of p53 in Jurkat cell lysates using p53 Rabbit mAb(1:500 diluted).Predicted band size:44kDa.Observed band size:53kDa.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-p53 antibody | TP53,also named as P53 and NY-CO-13,belongs to the p53 family. It has 9 isoforms. In SDS-Page,the MW is about 53kd. TP53 acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. It is 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. The antibody reacts specifically with 53 kDa protein. |
| Product Categories/Family for anti-p53 antibody   | <a href="#">Antibodies</a> ; <a href="#">Primary Antibodies</a> ; <a href="#">Recombinant Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 120407068                                                                                                                 |
| NCBI GeneID                      | 7157                                                                                                                      |
| NCBI Accession #                 | NP_000537.3                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_000546.5                                                                                                               |
| UniProt Accession #              | P04637; Q15086; Q15087; Q15088; Q16535; Q16807; Q16808; Q16809; Q16810; Q16811; Q16848; Q2XN98                            |
| Molecular Weight                 | 43,653 Da                                                                                                                 |
| NCBI Official Full Name          | cellular tumor antigen p53 isoform a                                                                                      |
| NCBI Official Synonym Full Names | tumor protein p53                                                                                                         |
| NCBI Official Symbol             | TP53                                                                                                                      |
| NCBI Official Synonym Symbols    | P53; BCC7; LFS1; TRP53                                                                                                    |
| NCBI Protein Information         | cellular tumor antigen p53; antigen NY-CO-13; phosphoprotein p53; p53 tumor suppressor; transformation-related protein 53 |
| UniProt Protein Name             | Cellular tumor antigen p53                                                                                                |
| UniProt Gene Name                | <b>TP53</b>                                                                                                               |
| UniProt Synonym Gene Names       | P53                                                                                                                       |
| UniProt Entry Name               | P53_HUMAN                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/p53-antibody-clone-r07-6a7-immunofluorescence-western-blot-elisa/178871>