

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

p53 Mouse Monoclonal Antibody

|                               |                      |                            |                                                           |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA300779</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|

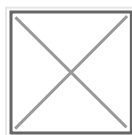
### PRODUCT SYNONYMS

p53; Monoclonal Antibody; p53 Mouse Monoclonal Antibody; Tumor suppressor p53; Phosphoprotein p53; Antigen NY-CO-13; anti-p53 antibody

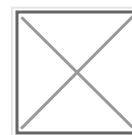
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                           |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                     |
| Reactivity                                    | Human                                                                                                                     |
| Clonality                                     | Monoclonal                                                                                                                |
| Clone Number                                  | 6C4                                                                                                                       |
| Specificity                                   | p53 Mouse monoclonal antibody detects endogenous p53 proteins.                                                            |
| Purity/Purification                           | Affinity purification using immunogen.                                                                                    |
| Form/Format                                   | Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                 | 1.0 mg/ml (varies by lot)                                                                                                 |
| Sequence Length                               | 393                                                                                                                       |
| Applicable Applications for anti-p53 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                             |
| Target Name                                   | p53                                                                                                                       |
| Preparation and Storage                       | Store at -20 degree C                                                                                                     |

### IMAGES


**IHC (Immunohistochemistry)**

IHC staining of paraffin-embedded Human colon cancer tissue with p53 mouse mAb 6C4 ©diluted at 1:200.


**WB (Western Blot)**

Western blot analysis of 293T, using diluted at 1:1,000 (left lane) and 1:2,000 (right lane).

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-p53 antibody | p53 plays a major role in the cellular response to DNA damage and other genomic aberrations. The activation of p53 can lead to either cell cycle arrest and DNA repair, or apoptosis. p53 is phosphorylated at multiple sites in vivo and by several different protein kinases in vitro. |
| Product Categories/Family for anti-p53 antibody   | Total protein Ab                                                                                                                                                                                                                                                                         |

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                 | 24,401 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                                                                     |
| 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-6c4-immunohistochemistry-western-blot-elisa/300779>