

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

Anti-Human p53, Azide Free

|                              |                      |                            |                              |
|------------------------------|----------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA58574</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|------------------------------|----------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

p53; Monoclonal Antibody; Anti-Human p53; Azide Free; anti-p53 antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                            |
|-----------------------------------------------|--------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                      |
| Reactivity                                    | Human                                                                                      |
| Clonality                                     | Monoclonal                                                                                 |
| Isotype                                       | Mouse IgG2b Kappa light chain                                                              |
| Clone Number                                  | B-F34                                                                                      |
| Specificity                                   | Recognises wild type and mutant p53, the epitope is within residues 18-30 of human p53     |
| Purity/Purification                           | Ion exchange chromatography                                                                |
| Form/Format                                   | Phosphate-buffered saline. Sterile-filtered through 0.22 um. Carrier and preservative free |
| Sequence Length                               | 393                                                                                        |
| Applicable Applications for anti-p53 antibody | ELISA                                                                                      |
| Hybridoma                                     | Myeloma X63/AG.8653 x Balb/c spleen cells                                                  |
| Immunisation                                  | Recombinant p53 protein                                                                    |
| Preparation and Storage                       | Store at +2-8 degree C for 12 months. For longer storage, freeze aliquots.                 |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">23491729</a>                                                                                                                                                                                                                                                                                  |
| NCBI GeneID                      | <a href="#">7157</a>                                                                                                                                                                                                                                                                                      |
| UniProt Accession #              | <a href="#">P04637</a> ; <a href="#">Q15086</a> ; <a href="#">Q15087</a> ; <a href="#">Q15088</a> ; <a href="#">Q16535</a> ; <a href="#">Q16807</a> ; <a href="#">Q16808</a> ; <a href="#">Q16809</a> ; <a href="#">Q16810</a> ; <a href="#">Q16811</a> ; <a href="#">Q16848</a> ; <a href="#">Q2XN98</a> |
| Molecular Weight                 | 24,401 Da                                                                                                                                                                                                                                                                                                 |
| NCBI Official Full Name          | P53                                                                                                                                                                                                                                                                                                       |
| 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-b-f34-elisa/58574>