

TP53

Mouse Anti-Human p53 Clone B-F34 Azide Free Capture mAb

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|---------------------------------|---|------------------|--------|
| Catalog No. | CDM413 | Quantity: | 1.0 mg |
| Alternate Names: | P53; BCC7; LFS1; TRP53 | | |
| Description: | <p>Mouse Anti-Human p53 Clone B-F34 Azide Free Capture mAb</p> <p>Background: p53 is a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons (PMIDs: 12032546, 20937277).</p> | | |
| Concentration: | 1.0 mg / 1.0 ml | | |
| Gene ID: | 7157 | | |
| Conjugate: | Unconjugated | | |
| Specificity: | Recognizes wild type and mutant p53, the epitope is within residues 18-30 of human p53 | | |
| Host: | Mouse | | |
| Immunogen: | Recombinant p53 protein | | |
| Isotype: | IgG2b | | |
| Clone: | B-F34 | | |
| Hybridoma: | Myeloma X63/AG.8653 x Balb/c spleen cells | | |
| Formulation: | <p>Liquid in PBS. Sterile-filtered through 0.22 µm.</p> <p>Carrier and Preservative free.</p> | | |
| Purification: | Ion exchange chromatography | | |
| Applications: | <p>ELISA Capture Antibody. This antibody can be used as a Capture Antibody in a human p53 sandwich immunoassay to detect human p53 in combination with biotinylated human p53 Detection Antibody (Cat No CDM437). The suggested coating concentration range below should be optimized by each laboratory for each application.</p> | | |
| Application Notes: | ELISA: 1 - 5 µg/ml | | |
| Storage & Stability: | <p>Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.</p> | | |

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